EL-MOASSER

Mathematics

By a group of supervisors

II

PARENTS' GUIDE

معاك
Ma3ak App
Interactive E-learning Application

بتصريح وتحت إشراف
وزارة التربية والتعليم والتعليم الفني
MINISTRY OF EDUCATION AND TECHNICAL EDUCATION

Part 2 DISCOVER

1st Primary 2023

SECOND TERM

EL-MOASSER
Mathematics
الصف الأول الابتدائي
دليل ولي الأمر
Price L.E. 179

CHAPTER 1

Outcomes and key vocabulary of chapter one :

Lessons 61 to 65 (A)

Outcomes :

- Compare the lengths of two objects.
- Arrange three objects in order from the shortest to the longest.
- Measure objects by nonstandard units.
- Explain the relationship between the length of an object and the number of units needed to measure it.
- Demonstrate understanding that the length of an object does not change when measured by different units.
- Count by ones and tens.

Key vocabulary :

- Length
- Longer than
- Shorter than
- Longest
- Shortest
- Long
- Short
- Measure
- Compare

Lessons 61 to 65 (B)

Outcomes :

- Describe and demonstrate position using key terms : above , below , up , down , in , out , left , right , behind , in front of.

Key vocabulary :

- In front of
- Behind
- Right
- Left
- In
- Out
- Up
- Down
- Above
- Below

Lessons 66 & 67

Outcomes :

- Describe the position of objects using ordinal numbers to 10th.
- Write ordinal numbers 1st through 10th.

Key vocabulary :

- Ordinal numbers
- 1st
- 2nd
- 3rd
- 4th
- 5th
- 6th
- 7th
- 8th
- 9th
- 10th
- first
- second
- third
- fourth
- fifth
- sixth
- seventh
- eighth
- ninth
- tenth

Lesson 68

Outcomes :

- Find one more and one less than a number up to 100.

Key vocabulary :

- One more
- One less

Lessons 69 & 70

Outcomes :

- Identify similarities and differences between 1 L.E. notes and 10 L.E. notes.
- Count 1 Egyptian pound notes and 10 Egyptian pounds notes.
- Calculate how to pay for item up to 50 L.E. using 1 and 10 Egyptian pounds notes.

Key vocabulary :

- Buy
- 1 L.E.
- 10 L.E.
- Money
- Pound
- Price
- Pay

Lessons 61 to 65 (A)

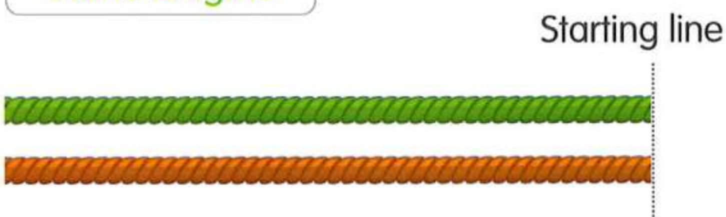
Lengths

Length

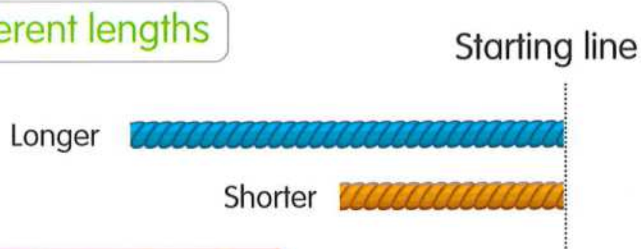
The length of an object is how long it is.

You can compare lengths using a starting line.

Same lengths



Different lengths

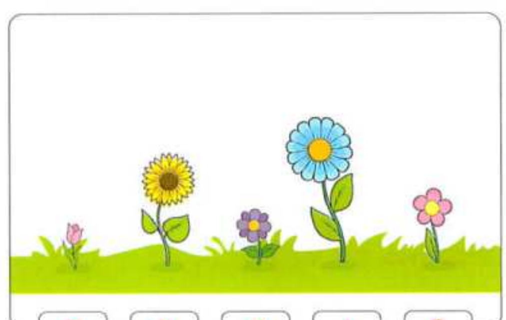


Arranging lengths

To arrange some objects in order you better line them up first.

Example 1

Arrange from the tallest to the shortest.



Solution

3 1 5 2 4

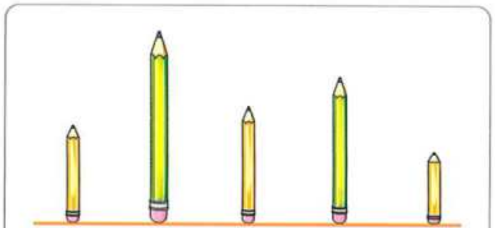
5 2 4 1 3

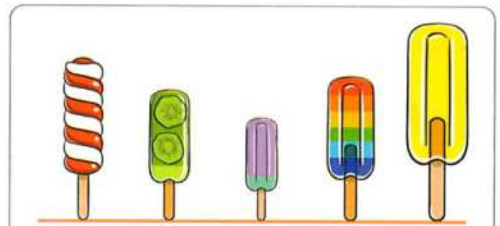
Notes for parents

- Give your child some crayons that are different in length. Ask him/her to arrange them from the longest to the shortest.

Example 2

Arrange from the shortest to the tallest.





Solution

2 5 3 4 1

4 2 1 3 5

Measuring length

How long is your desk ?

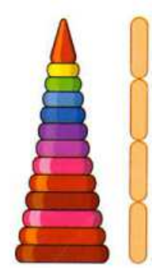
"Use popsicle stick as a length unit"

Play & learn

- It took 5 popsicle sticks to reach from start to end of the desk.
- The desk is 5 .

Example 3

How long are these objects ?



Solution

The length is 2

The length is 3

The length is 4

• Bring some objects and line them up, then ask your child to tell you the longest object, the shortest object and the objects have the same length, then arrange them from the shortest to the longest.

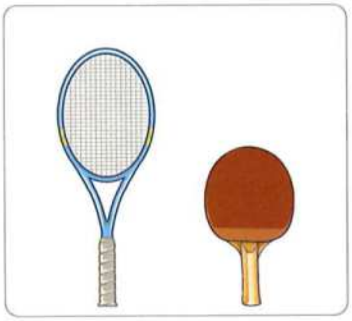
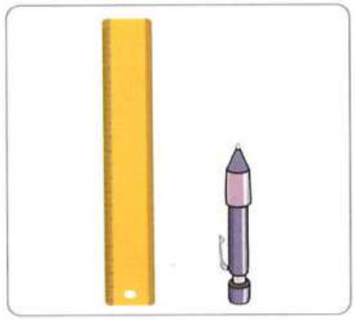
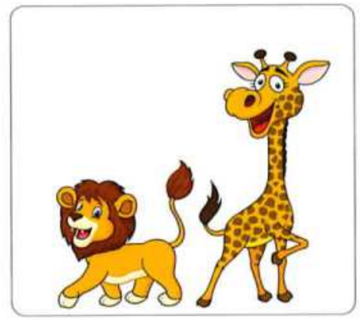
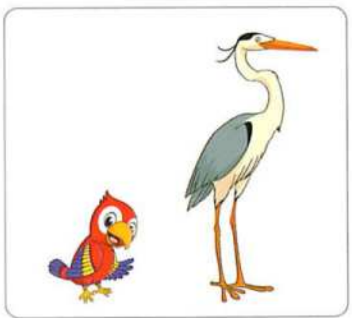
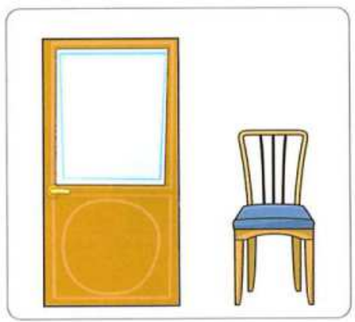
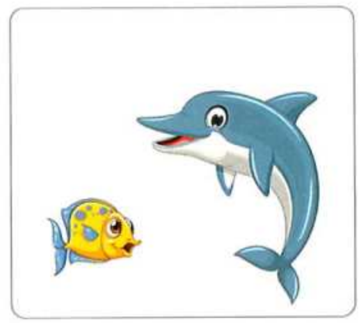
Exercise 1

Lengths

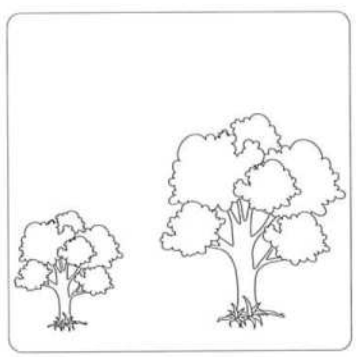
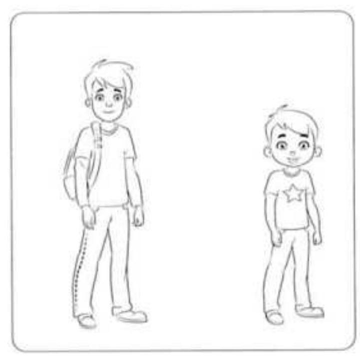
On Lessons **61 to 65 (A)**

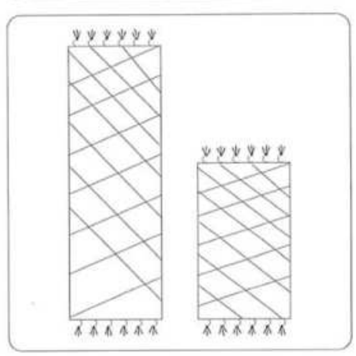
Length

Circle the object that is longer.

Color the object that is shorter.

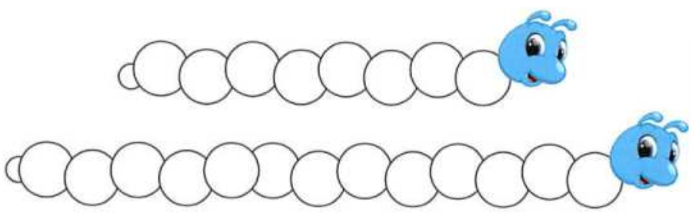



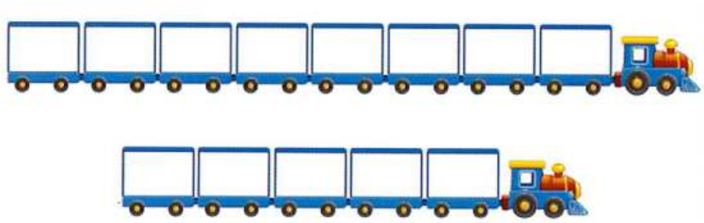


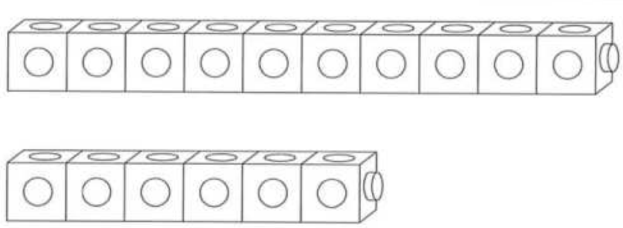
Draw a rope that is longer than each rope.

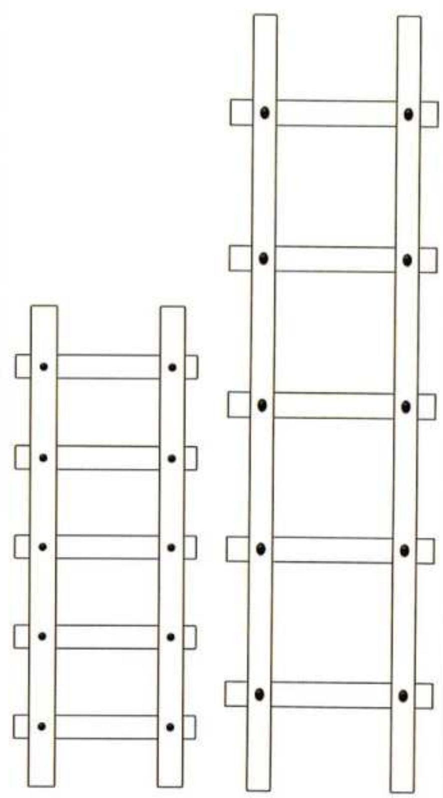
Draw a pencil that is shorter than each pencil.

In each of the following, color the shorter in green and the longer in orange.

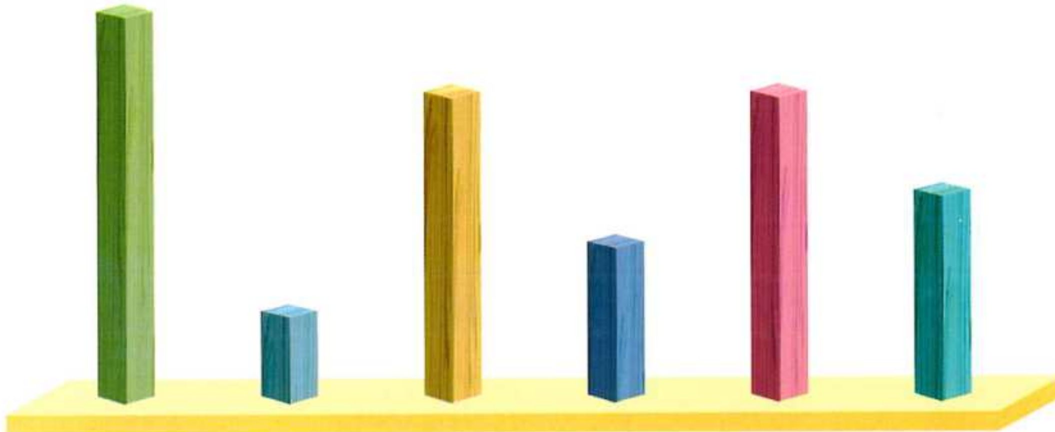




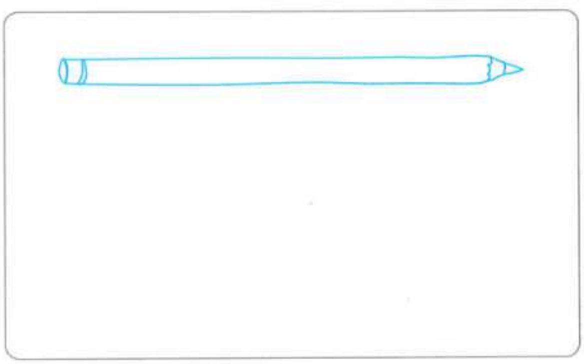


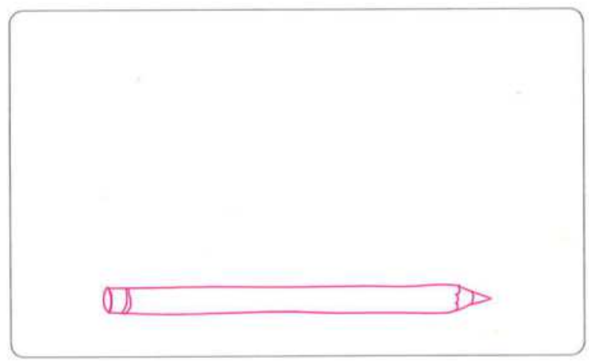


Circle the two objects that have the same length.

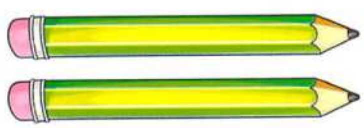


Draw a pencil that has the same length.





Use the following pictures and write (✓) to the correct statement and (X) to the incorrect statement.

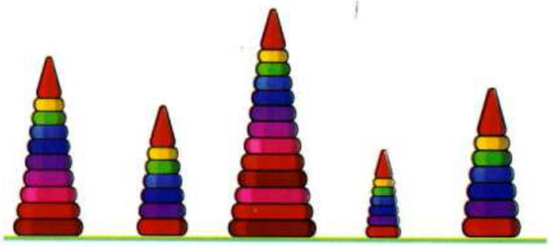
-  have the same length. ( )

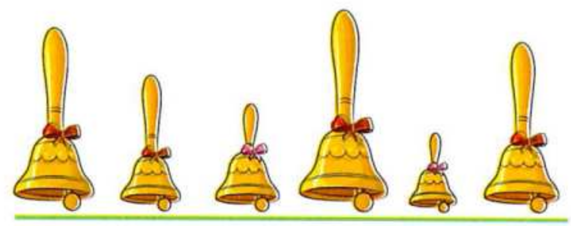
- is longer than ( )

- is shorter than ( )

Arranging lengths

Arrange from the tallest to the shortest.





Arrange from the shortest to the tallest.

Arrange from the shortest to the longest.

D				

Arrange from the longest to the shortest.

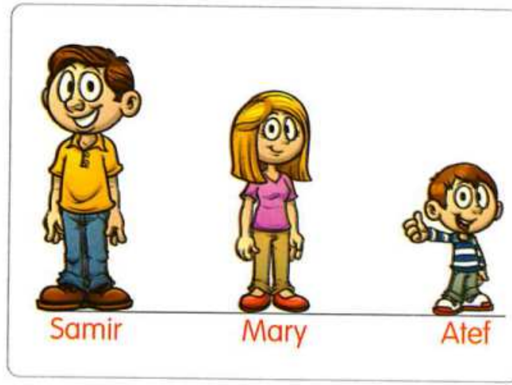
E				

Who is ?

- Who is the tallest ? ....
- Who is the shortest ? ....
- Who is shorter than Andy ? ....
- Who is taller than Hany ? ....
- Who is taller than Sara and shorter than Hany ? ....
- Who is shorter than Sally and taller than Andy ? ....

Complete.

- Mary is shorter than [ ]
- Mary is taller than [ ]
- The shortest one is [ ]
- The tallest one is [ ]
- The order from the shortest to the tallest is [ ], [ ], [ ]



You have 5 friends.

- **Complete.**

  The shortest one is ....

  and the tallest one is ....

- **Arrange your friends from the tallest to the shortest.**

  [ ], [ ], [ ], [ ], [ ]

- **Write (✓) to the correct statement and (✗) to the incorrect statement.**

• Shady is shorter than Ramy. ( )

• Ayman is taller than Judy. ( )

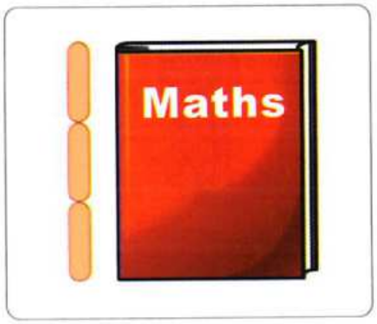
• Ramy is shorter than Sara. ( )

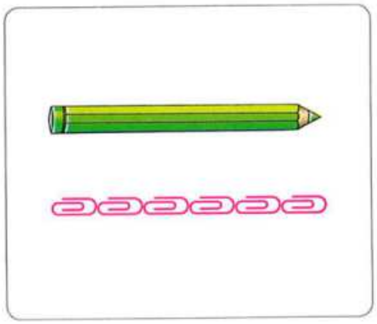
• Sara is shorter than Ayman and taller than Shady. ( )

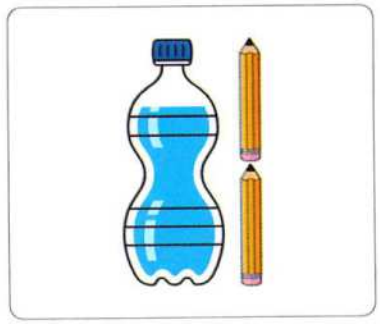
• Judy is shorter than Sara and taller than Ayman. ( )

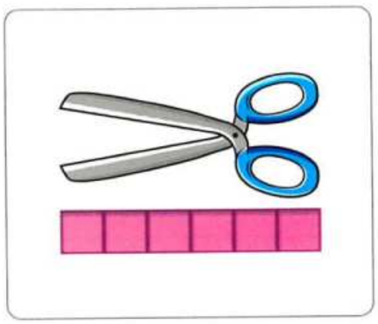
Measuring lengths

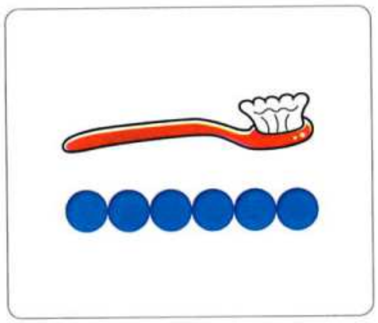
Measure the length of each object.

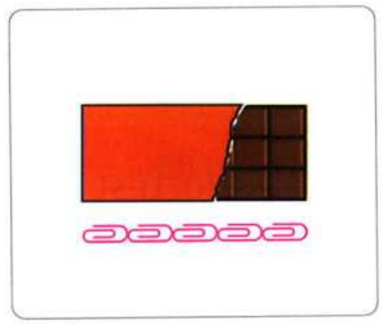


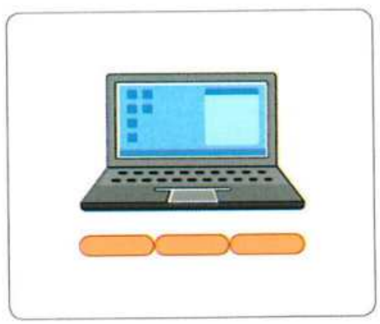




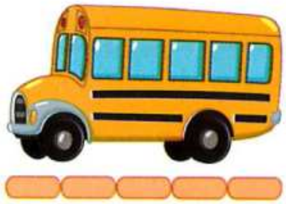




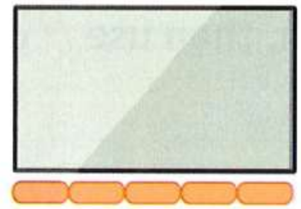




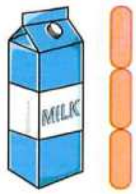
How long are these objects ?



The length is ______



The length is ______



The length is ______

The length is ______

The length is ______

The length is ______

The length is ______

The length is ______

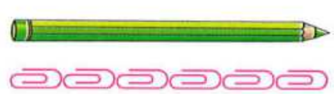
Measure the length of each of the following using as a unit.

______

______

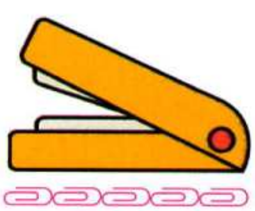
______

______

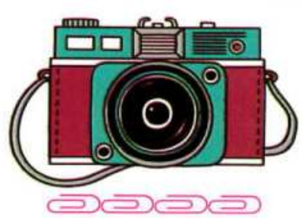


______

______



______

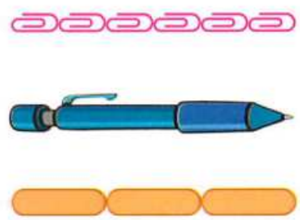


______

______

Use as a length unit to measure the length of each item, then use as a length unit to measure the same items.

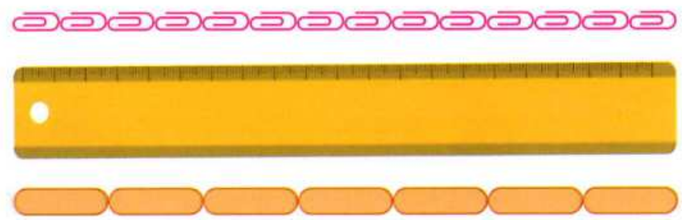
Pen



The length = ...

or = ...

Ruler



The length = ...

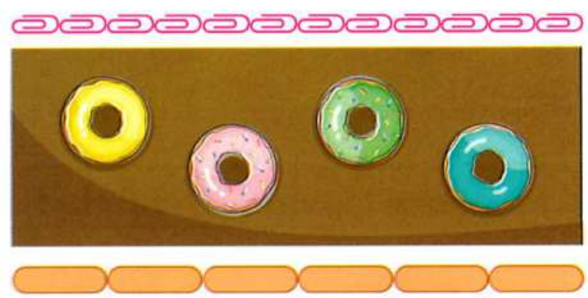
or = ...

Notebook

The length = ...

or = ...

Table



The length = ...

or = ...

- The order of items from the shortest to the longest is :

.... , ... , ... , ...

Place a smiley face

Lessons

61 to 65

(B)

Relative positions

In front of / Behind

• The is **in front of** the

• The is **behind** the

On the right of / On the left of

• The is **on the right of** .

• The is **on the left of** .

Notes for parents

- Ask your child to mention objects (in front of – behind – ...) a certain object at home.
- Ask your child to raise his/her right hand and say something on the right of it and then raise his/her left hand and tell something to the left of it in his/her home.

Above / Below

Above

• The ⚽ is **above** the table.

Below

• The ⚽ is **below** the table.

Up / Down

Up

• The rabbit is going **up**.

Down

• The rabbit is going **down**.

In / Out

In

• The cat is **in** the box.

Out

• The cat is **out** the box.

Notes for parents

- Ask your child to put his/her hand above or below his/her face and describe the position to his/her hand.
- Practice your child to use the relative positions up and down when describe the photos in this page.
- Ask your child to draw a circle and draw 5 squares in it and 6 squares out it.

Relative positions

- Let your child recognize the relative positions and tell him/her that we use it to describe the position of any thing to other thing.

Exercise 2

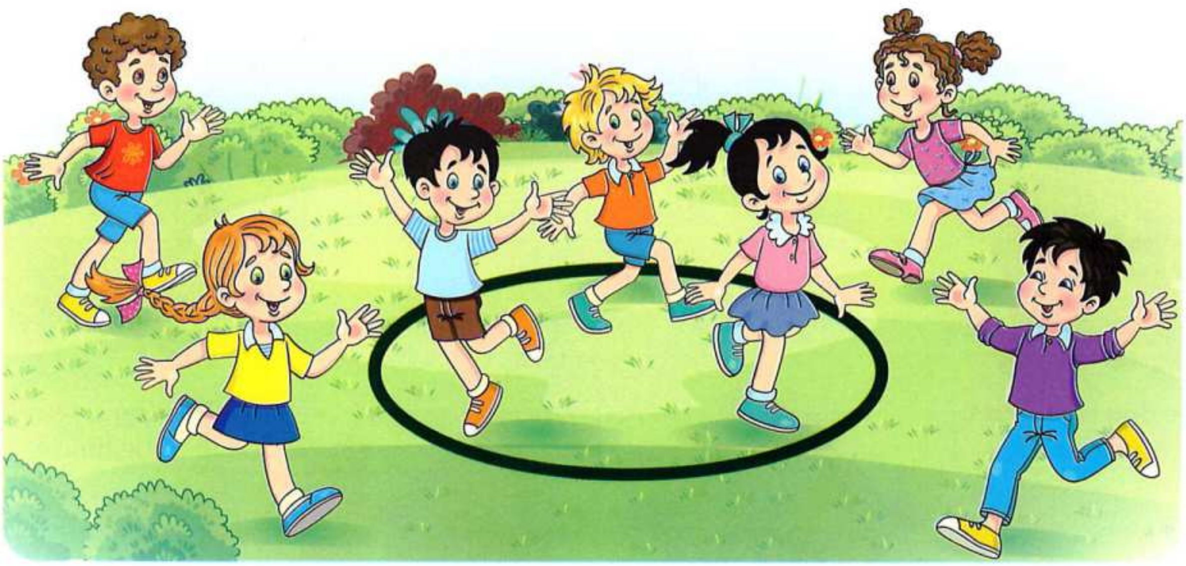
Relative positions

On Lessons **61 to 65 (B)**

Match.

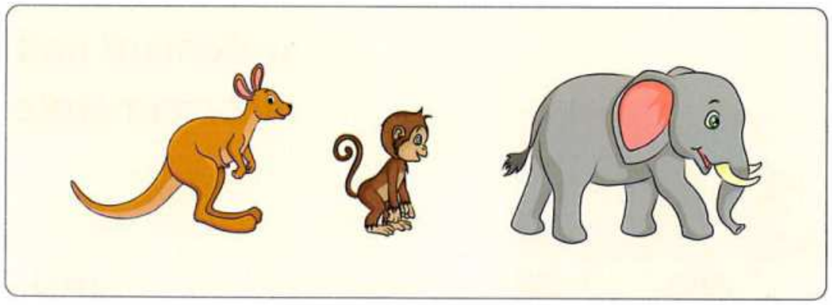
In   Out   Up   Down

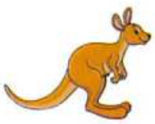
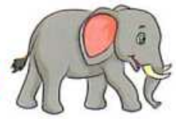
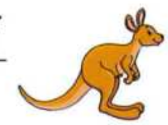
How many children ?



- There are [ ] children in the circle.
- There are [ ] children out the circle.

Use the following pictures and choose the correct answer.



-  is in front of / behind
-  is in front of / behind
- is in front of / behind
- is in front of / behind 

Use the pictures and write (✓) to the correct statement and (✗) to the incorrect statement.

- The is on the right of the (   )
- The is on the left of the (   )
- The is on the left of the (   )
- The is on the right of the (   )

Use the picture and choose the correct answer.

- is going (up or down)
- is going (up or down)

Use the picture and write (✓) to the correct statement and (✗) to the incorrect statement.

- There are 4 balls in the box. (   )
- There are 2 balls out the box. (   )

Complete the following using the names in the picture.

- Ahmed is on the left of ______
- ______ is on the left of Omar.
- Ahmed is on the right of ______
- Maged is on the right of ______
- ______ is on the right of Hossam.
- ______ is on the right of Ahmed.

Use the picture to answer the following.

Complete.

- ______ is on the left of Ashraf.
- ______ is on the right of Ashraf.
- ______ and ______ are on the left of Ahmed.
- ______ and ______ are on the right of Mina.

Choose the correct answer.

- Ashraf is on the ____________ of Mina. (left or right)
- Ashraf is on the ____________ of Ahmed. (left or right)

Match.

Complete with a number.

There are ______ flowers out the vase

and ______ flowers in the vase.

There are ______ pencils in the pencil box

and ______ pencils out the pencil box.

The number of birds out the nest is ______

and the number of birds in the nest is ______ .

Complete with (above or below).

- The ball is ______ the office.
- The vase is ______ the office.
- The cat is ______ the office.
- The keyboard is ______ the office.
- The cat and the ball are ______ the carpet.

Draw □ around what is in the

Draw △ around what is out the

Use the following picture, write (✓) to the correct statement and (✗) to the incorrect statement.

- Amir is in front of Hany. ( )
- Nada is behind Hany. ( )
- Hany is in front of Nada. ( )
- Sara is behind Youssef. ( )
- Youssef is behind Sara. ( )
- Nada is in front of Sara ( )
- There are 3 children in front of Youssef. ( )
- There are 2 children behind Nada. ( )

Draw ☐ around what is above the table

Draw ◯ around what is below the tree

Where is the cat ? Choose the correct answer.

In front of the house	Behind the house

Above the chair	Below the chair

On the right hand	On the left hand

Out the box	In the box

Going up	Going down

Above the box	Below the box

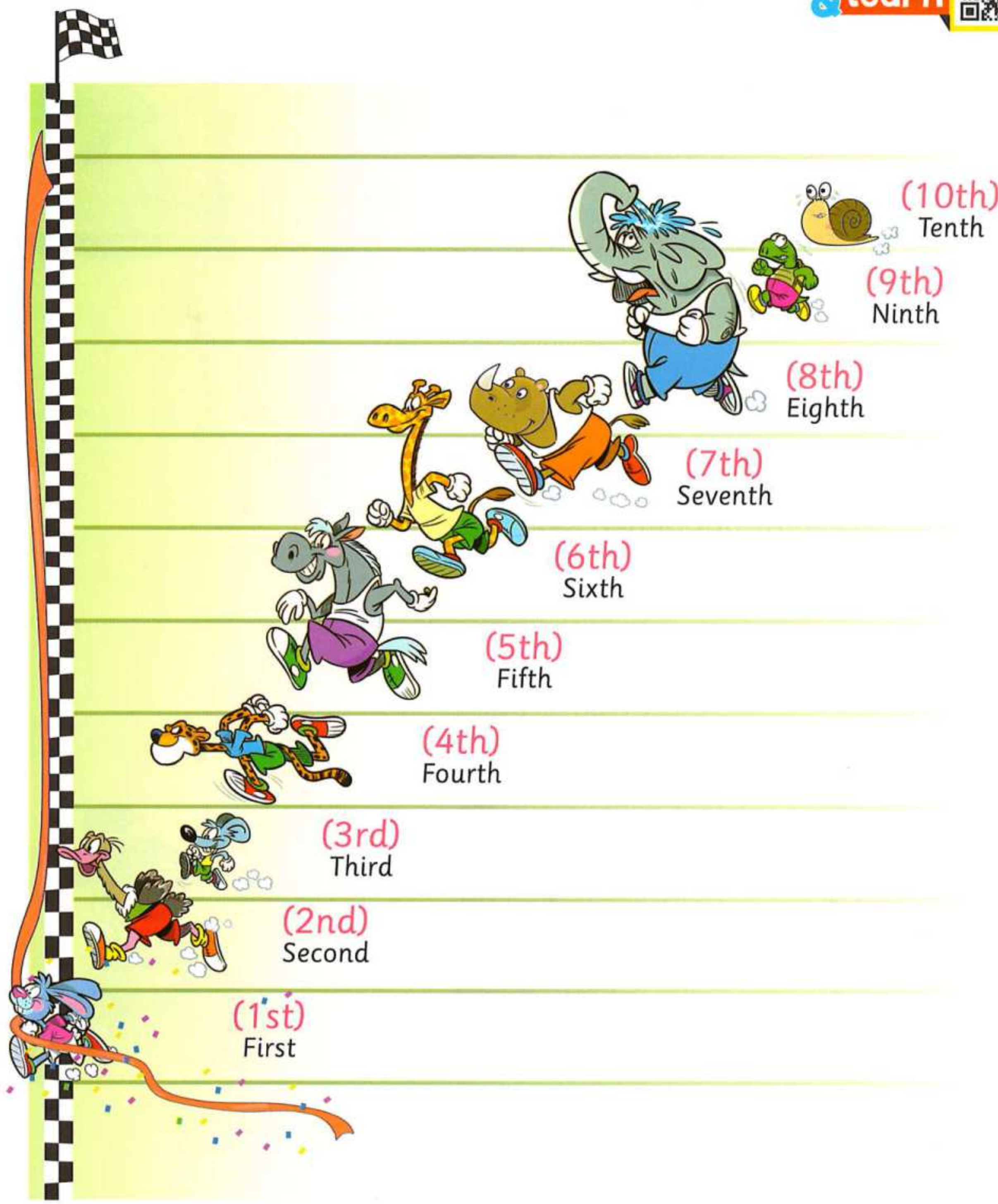
Place a smiley face

Lessons
66 & 67

Ordinal numbers

Ordinal numbers

Ordinal numbers help us tell the order of things.

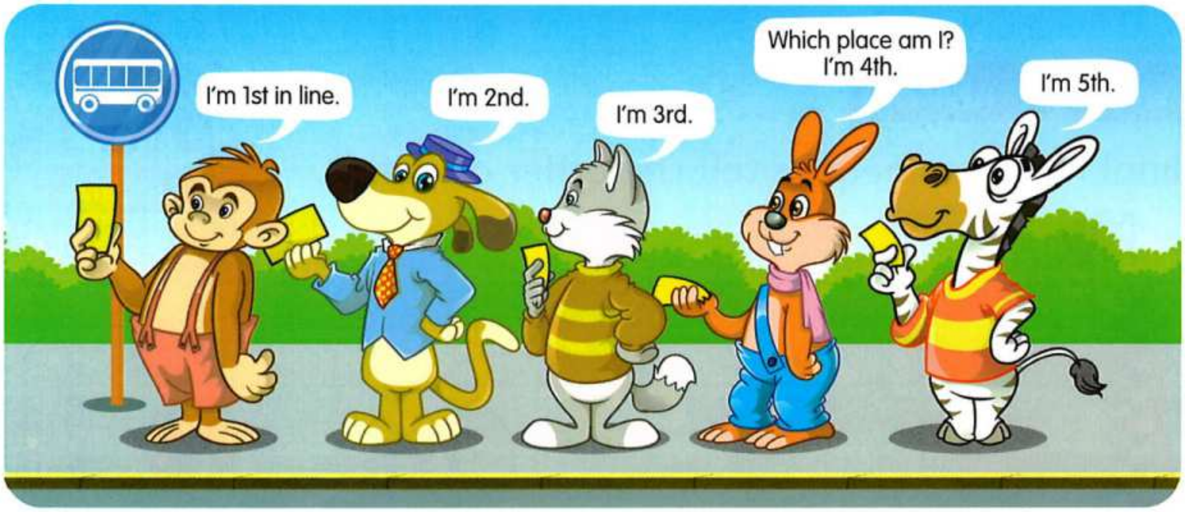


Notes for parents

- Help your child draw some objects ordered in row and write the order of each object in letters.

What is ordinal number ?

An ordinal number tells the position of an object.



Story order

Ordinal numbers help us order actions in our life.

1st shows what happened first.

2nd shows what happened second.

3rd shows what happened third.

For example:

1st

2nd

3rd

Notes for parents

- Tell your child he/she can use ordinal numbers when describe and order of actions to show what happened.

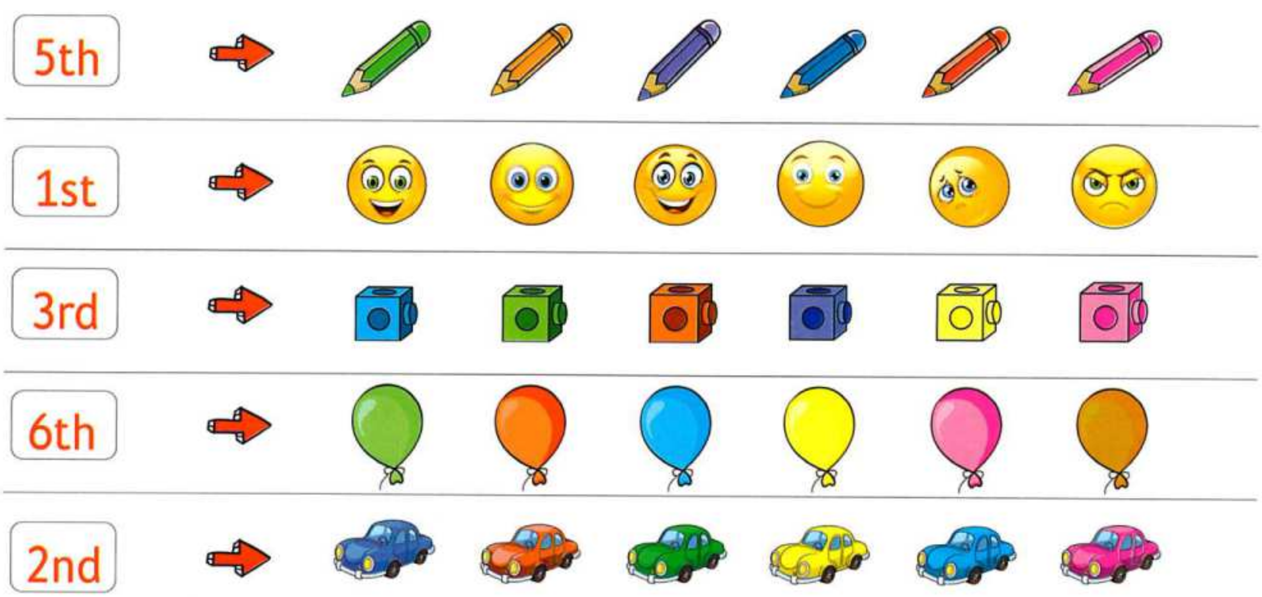
Example 1

Write the ordinal number of each.

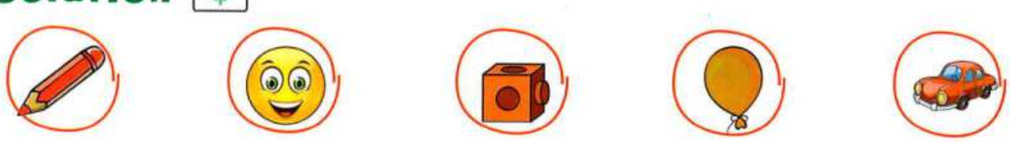
Solution

Example 2

Circle the item which match the given position, start from the arrow.



Solution



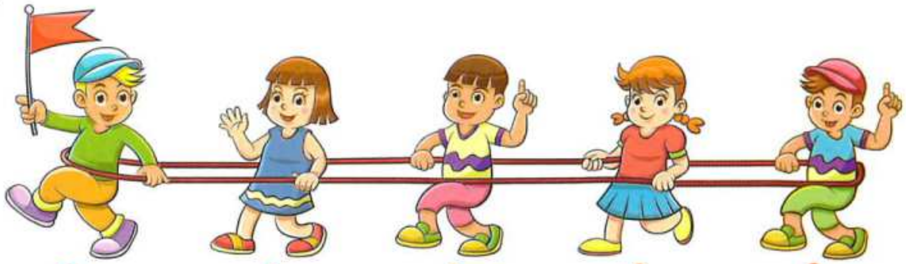
• Encourage your child to write 1st , 2nd , 3rd or .... to describe the position of any item in this page.

Exercise 3

Ordinal numbers

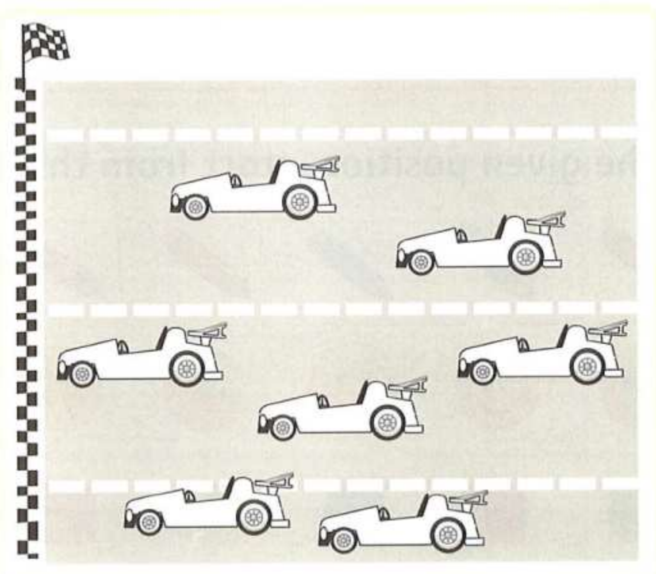
On Lessons 66 & 67

Match.



2nd 4th 1st 3rd 5th

Color cars according to the codes.



3rd	Red
5th	Blue
7th	Green
1st	Yellow
2nd	Orange
6th	Pink
4th	Purple

Write the ordinal number "1st , 2nd , ..."

Match.

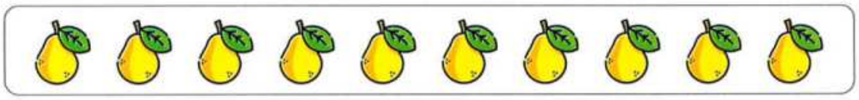
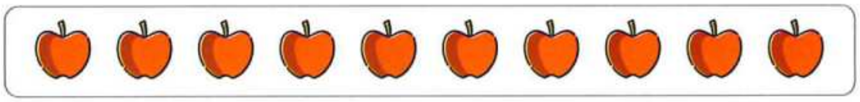
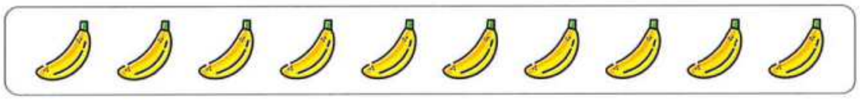
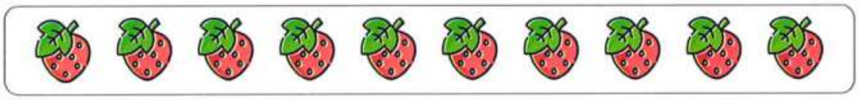
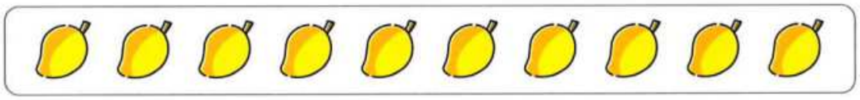
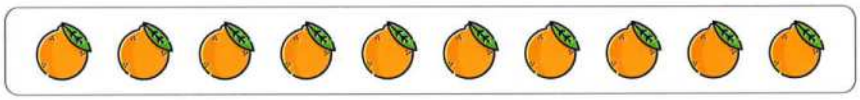
Third	Fifth	Fourth	First	Second

Write each person's order in the line.

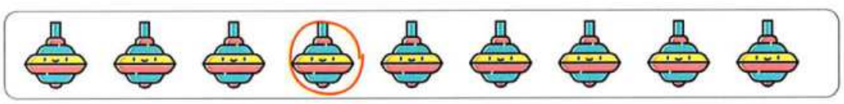
Play & learn

Fourth

Circle the item which match the given position, start from the arrow.

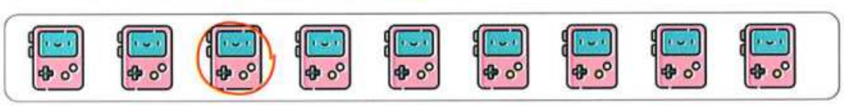
- Second 
- Fourth 
- First 
- Third 
- Sixth 
- Fifth 

Circle the word that tells the correct order of the circled picture, start from the arrow. The first one is done for you.

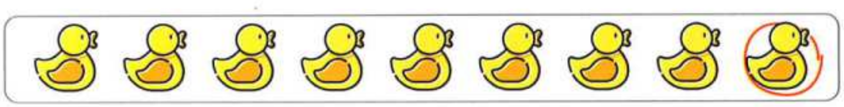
 (Third or Fourth)

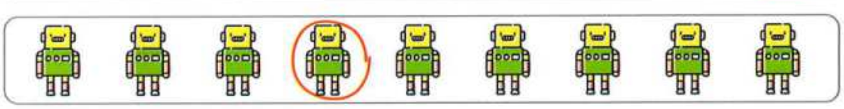
(First or Ninth)

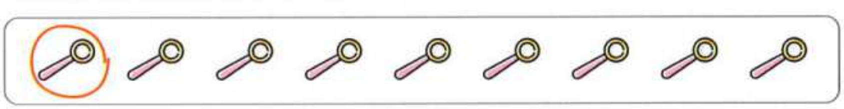
(Fifth or Sixth)

 (Second or Third)

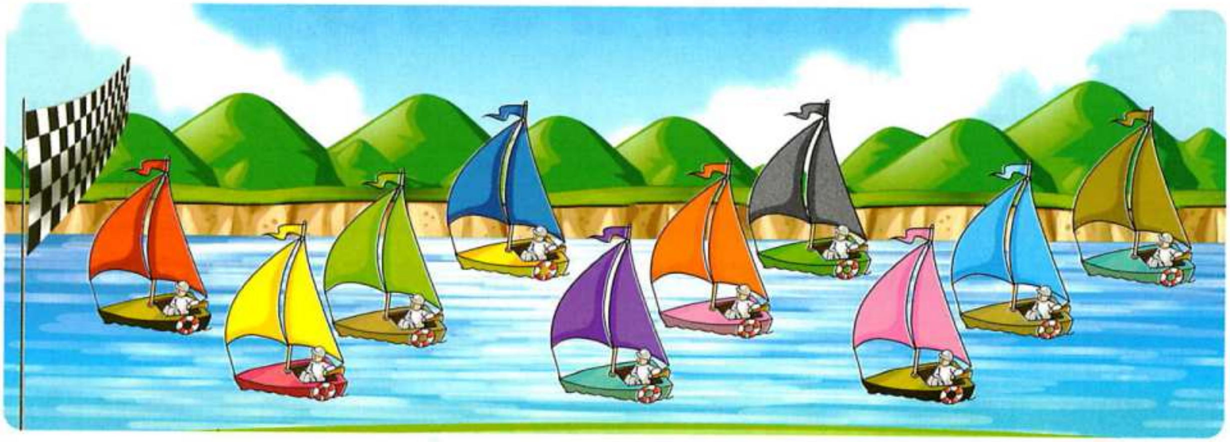
(Sixth or Seventh)

 (Ninth or Tenth)

 (Third or Fourth)

 (First or Tenth)

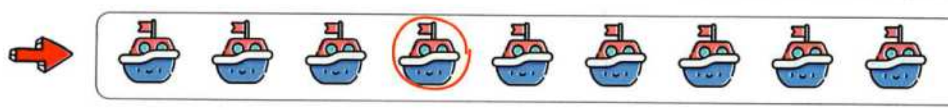
Complete. The first one is done for you.

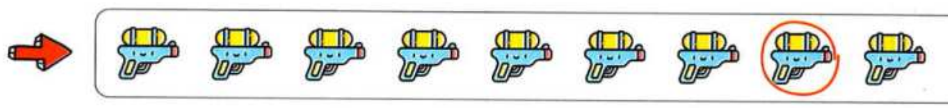


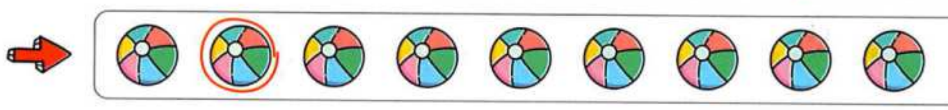
2nd	second	

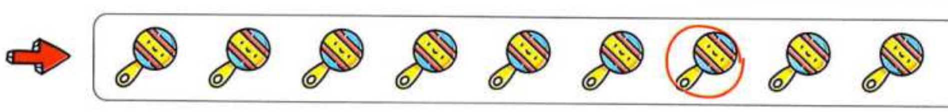
Write the order of the underlined figure , start from the arrow. The first one is done for you.

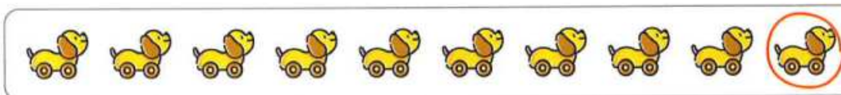
fifth 5th

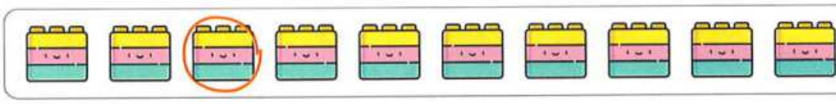








 .... [ ]

 .... [ ]

Use the following picture and choose the correct answer.

Zyad John Omar Talia Ali Joy

- The third child is .... (Ali or Talia)
- The first child is .... (Joy or Ali)
- The sixth child is .... (Zyad or John)
- The fourth child is .... (Omar or Talia)
- Ali is the .... child. (second or third)
- John is the .... child. (fourth or fifth)
- The order of the last child is .... (sixth or seventh)

Complete the following.

- First, ... , third, fourth, ... , ... , ... , ... , ... , ...
- The second letter in the word "BOX" is ....
- The order of the letter T in the word "EGYPT" is ....
- The order of the letter S in the word "HOUSE" is ....

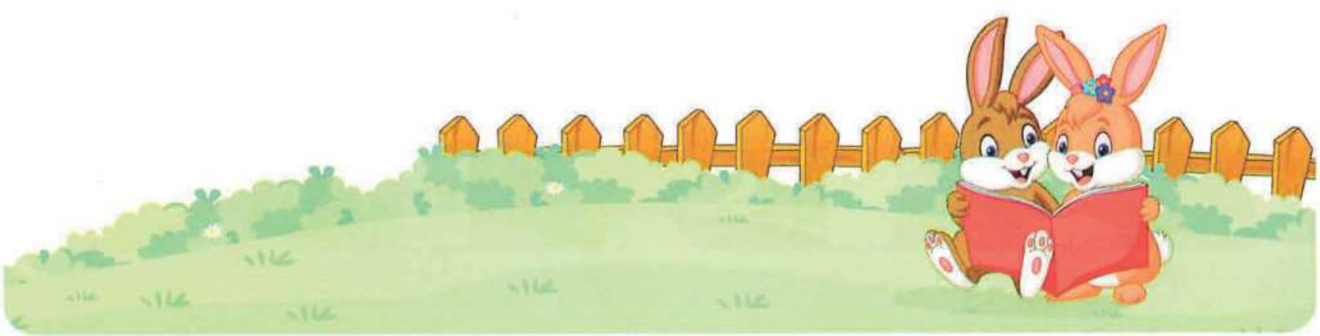
Use the following pictures, write (✓) to the correct statement and (✗) to the incorrect statement.

- The order of the cat is the fifth. ( )
- The seventh animal is lion. ( )
- Dog is in the second place. ( )
- The first animal is a hen. ( )
- The order of the cow is eighth. ( )
- Zebra is in the third place. ( )
- Giraffe is the fourth animal. ( )
- The order of the elephant is sixth. ( )

Solve the story problem.

Ahmed is stanting behind Salma, Salma is standing behind Mark and the order of Mark is the second.

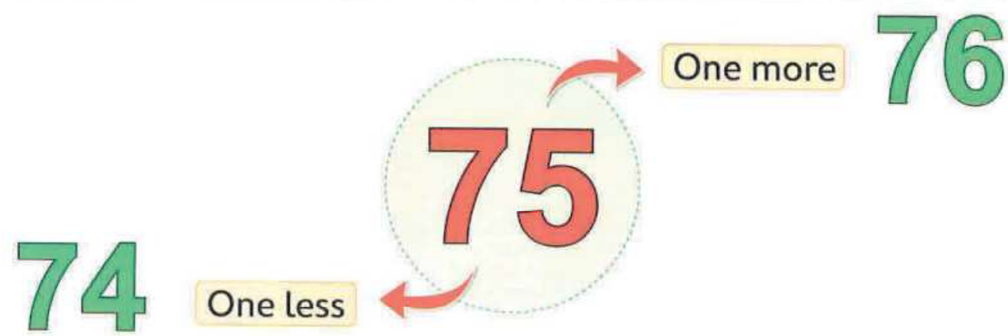
What is the order of each of Ahmed and Salma ?



Lesson 68

One more & one less

One more / one less



Example 1

Write the number that is 1 more.

13 → 14

29 → 30

50 → 51

Example 2

Write the number that is 1 less.

35 ← 36

69 ← 70

91 ← 92

Example 3

Write the missing number.

1 less		1 more
33	34	35
59	60	61
88	89	90

Example 4

Complete.

24 is 1 more than 23

49 is 1 less than 50

10 is 1 more than 9

86 is 1 less than 87

Notes for parents

- Give your child a number and ask him/her to find the numbers one more and one less.
- Ask questions as : what is the number one more/ one less our house number ?

Exercise 4

One more & one less

On Lesson **68**

Write the number that is 1 more. The first one is done for you.

15 → 16	22 → ___	60 → ___	12 → ___	54 → ___
39 → ___	81 → ___	66 → ___	30 → ___	89 → ___

Write the number that is 1 less. The first one is done for you.

86 → 85	44 → ___	59 → ___	10 → ___	61 → ___
90 → ___	31 → ___	19 → ___	27 → ___	70 → ___

Choose the number that is 1 more.

33 (32 or 34)	26 (25 or 27)	79 (78 or 80)
98 (99 or 97)	45 (44 or 46)	82 (83 or 81)
19 (20 or 18)	60 (61 or 59)	59 (58 or 60)

Choose the number that is 1 less.

(9 or 11) 10	(90 or 88) 89	(68 or 66) 67
(32 or 30) 31	(51 or 49) 50	(49 or 47) 48
(11 or 13) 12	(23 or 25) 24	(81 or 79) 80

Write the missing numbers. The first one is done for you.

24	25	26	___	40	___
___	14	___	___	37	___
___	59	___	___	83	___
___	91	___	___	62	___

Complete.

___	← one less	55	one more →	___
___	← one less	70	one more →	___
___	← one less	21	one more →	___
___	← one less	9	one more →	___
___	← one less	49	one more →	___
___	← one less	33	one more →	___
___	← one less	80	one more →	___
___	← one less	67	one more →	___

Complete.

___ is 1 more than 56

___ is 1 more than 39

74 is 1 more than ___

49 is 1 more than ___

___ is 1 more than 85

___ is 1 less than 10

___ is 1 less than 48

___ is 1 less than 21

62 is 1 less than ___

70 is 1 less than ___

30 is 1 more than ___

19 is 1 less than ___

Choose the correct word " more or less ".

21	is 1	more / less	than	20	15	is 1	more / less	than	16
48	is 1	more / less	than	47	70	is 1	more / less	than	69
93	is 1	more / less	than	92	54	is 1	more / less	than	55
79	is 1	more / less	than	80	37	is 1	more / less	than	36
40	is 1	more / less	than	39	64	is 1	more / less	than	65

Write the correct word " more or less ".

9	is 1	______	than	10	62	is 1	______	than	63
25	is 1	______	than	24	88	is 1	______	than	87
40	is 1	______	than	39	71	is 1	______	than	70
69	is 1	______	than	68	19	is 1	______	than	18
49	is 1	______	than	50	99	is 1	______	than	100

Write (✓) to the correct statement and (✗) to the incorrect statement.

- 35 is 1 more than 34 ( )
- 43 is 1 more than 44 ( )
- 91 is 1 more than 90 ( )
- 18 is 1 less than 19 ( )
- 69 is 1 less than 70 ( )
- 57 is 1 less than 56 ( )

Place a smiley face

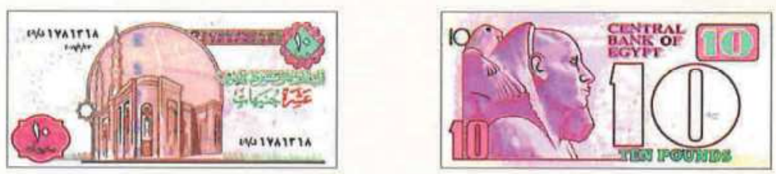
Lessons
69 & 70 Money

Egyptian money

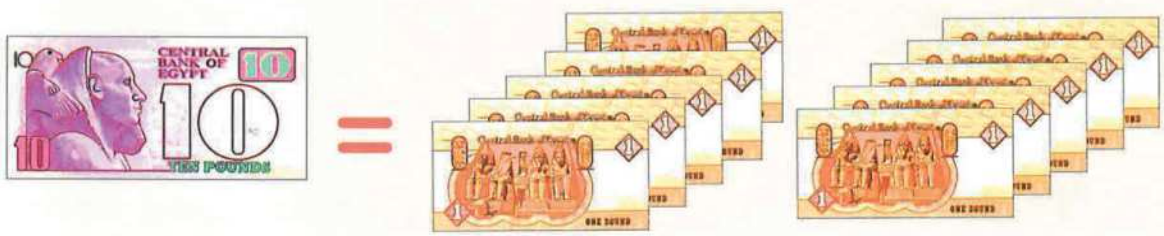
One Pound

Front Back | Front Back

Ten Pounds



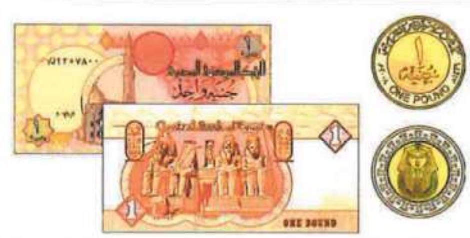
Front Back



Counting money

Counting money help us know the value of an amount of money.

For example:



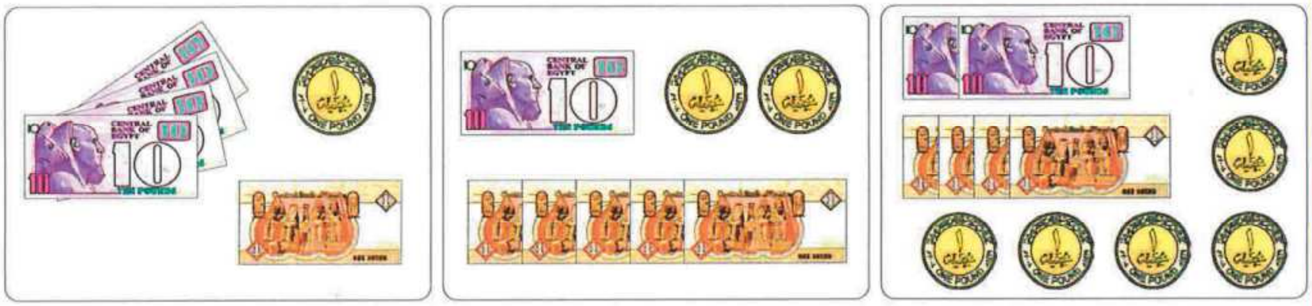
Here are 2 of ten pounds and 4 of one pound.
So, the value of the amount of money is 24 pounds.

Notes for parents

- Give your child 1 pound note and 10 pounds note and explain that 10 notes of 1 pound equal one note of 10 pounds.

Example 1

Write the amount for each group.

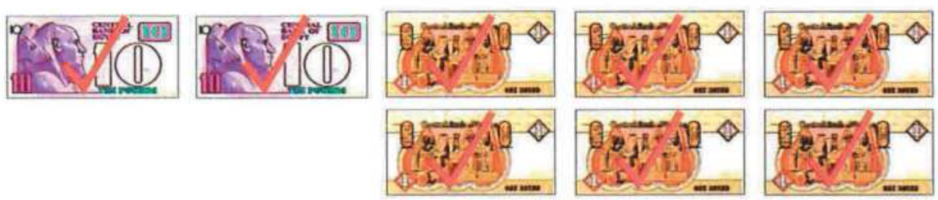


Solution 42 L.E. , 17 L.E. , 30 L.E.

Example 2

Tick (✓) the amount of money that can buy the following object.

Solution



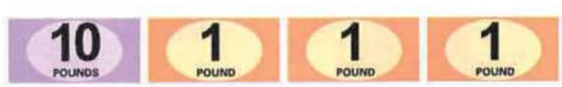
Example 3

Draw notes to show the cost.

Note

Soultions may use different Egyptian money notes but the same value.

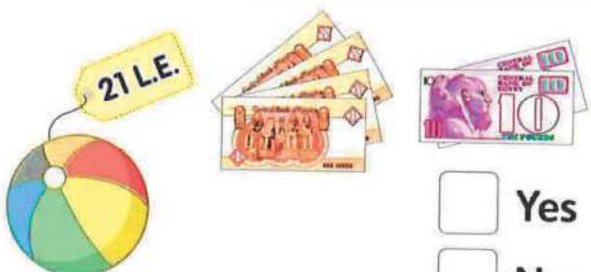
Solution 13 L.E.



32 L.E.

- Show your child two groups of money within 50 L.E.
- Have your child tell you the amount of each group. Then ask him/her which amount is less.

Can you buy it ? Yes or No.



☐ Yes

☐ No

☐ Yes

☐ No

☐ Yes

☐ No

☐ Yes

☐ No

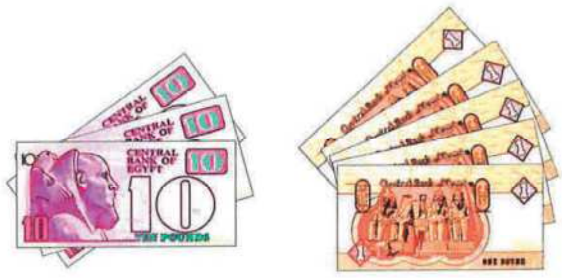
☐ Yes

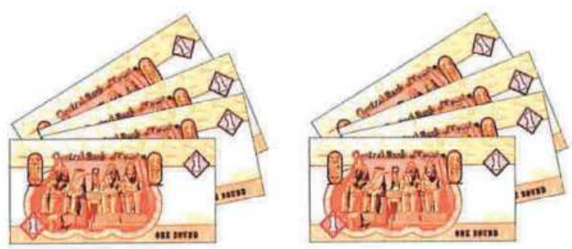
☐ No

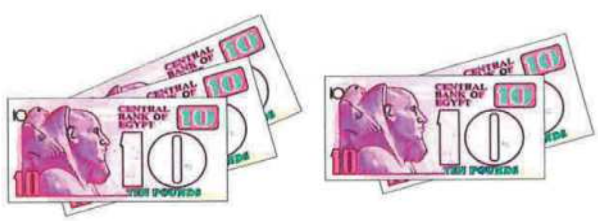
☐ Yes

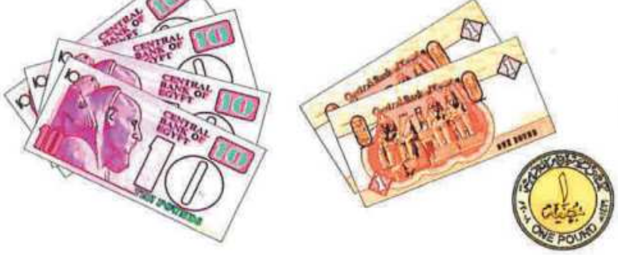
☐ No

Match to the suitable price.

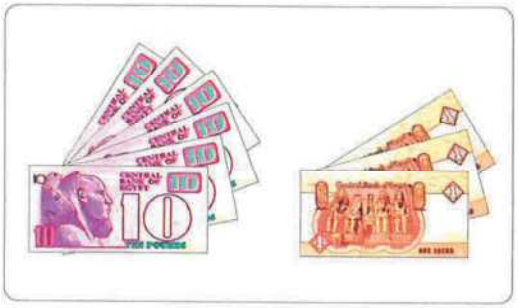


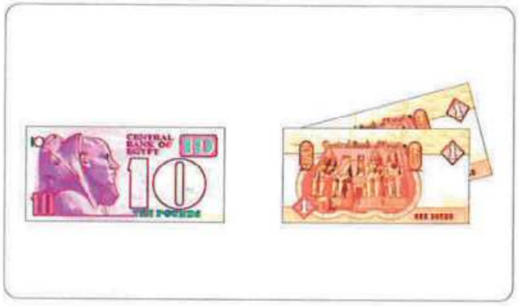


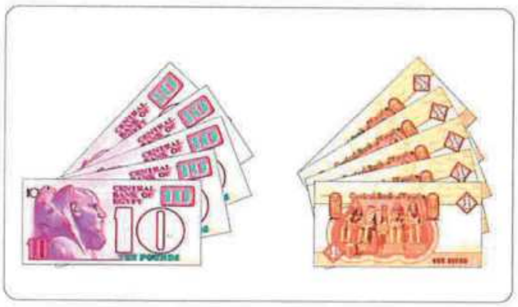


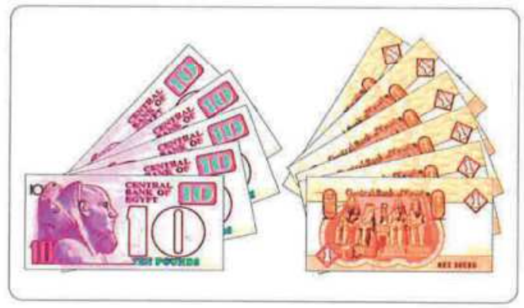


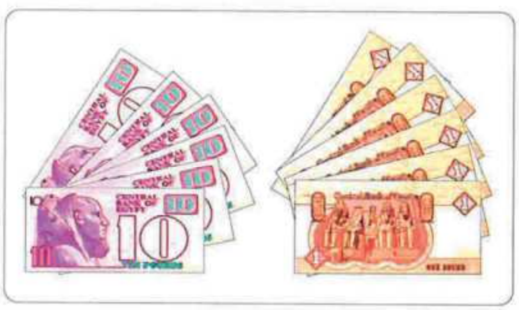
Put "> , < or =".

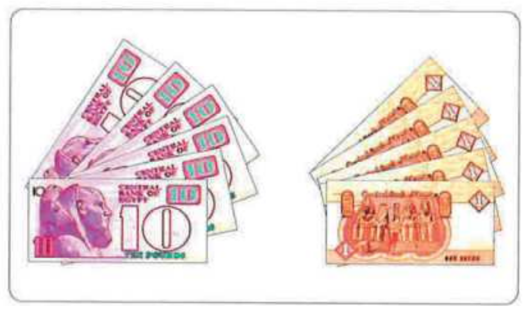


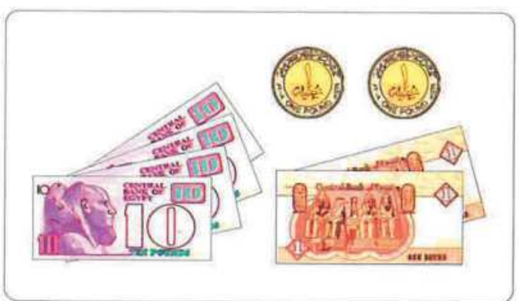


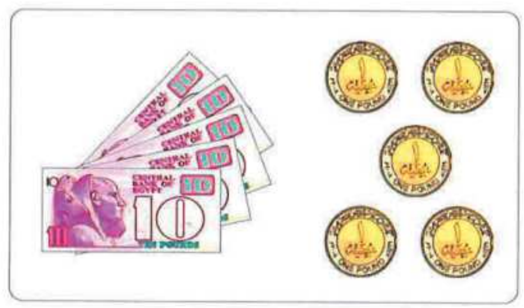




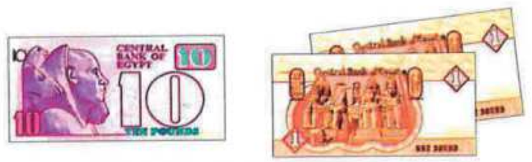




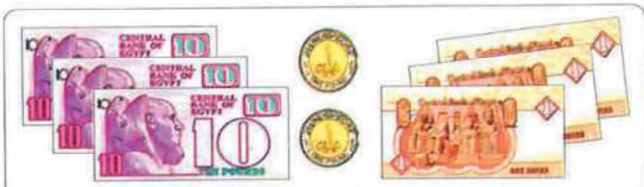




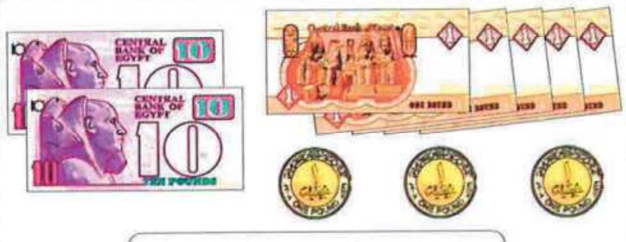
Circle the correct amount.



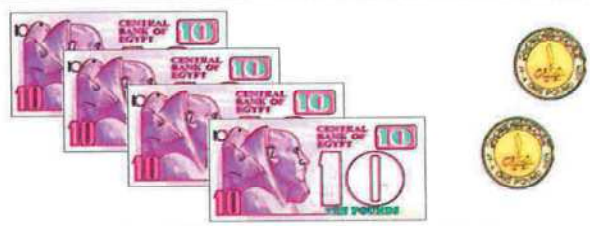
12 L.E. or 21 L.E.



33 L.E. or 35 L.E.

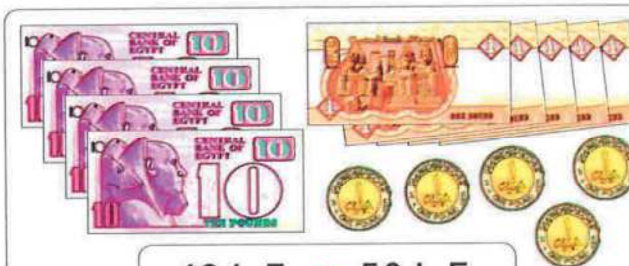


28 L.E. or 38 L.E.



32 L.E. or 42 L.E.

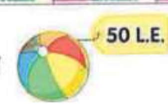
38 L.E. or 40 L.E.



48 L.E. or 50 L.E.

Write (✓) to the correct statement and (✗) to the incorrect statement.

- are 11 L.E. ( )
- is more than ( )
- is equal to ( )
- can buy

( )
- is less than ( )
- can buy 

( )
- is 34 L.E. ( )

Tick (✓) the amount of money that can buy each object.

- 10 POUNDS | 10 POUNDS | 1 POUND | 1 POUND | 1 POUND
- 10 POUNDS | 10 POUNDS | 1 POUND | 1 POUND | 1 POUND

- 10 POUNDS | 10 POUNDS | 10 POUNDS | 10 POUNDS | 10 POUNDS
- 10 POUNDS | 10 POUNDS | 10 POUNDS | 1 POUND | 1 POUND
- 1 POUND | 1 POUND | 1 POUND | 1 POUND | 1 POUND

- 10 POUNDS | 10 POUNDS | 10 POUNDS | 10 POUNDS | 10 POUNDS
- 1 POUND | 1 POUND | 1 POUND | 1 POUND | 1 POUND
- 1 POUND | 1 POUND | 1 POUND | 1 POUND | 1 POUND

- 10 POUNDS | 10 POUNDS | 10 POUNDS | 10 POUNDS | 10 POUNDS
- 10 POUNDS | 10 POUNDS | 10 POUNDS | 10 POUNDS | 10 POUNDS
- 1 POUND | 1 POUND | 1 POUND | 1 POUND | 1 POUND

- 10 POUNDS | 10 POUNDS | 10 POUNDS | 1 POUND | 1 POUND
- 10 POUNDS | 10 POUNDS | 10 POUNDS | 1 POUND | 1 POUND
- 10 POUNDS | 10 POUNDS | 1 POUND | 1 POUND | 1 POUND

- 10 POUNDS | 10 POUNDS | 10 POUNDS | 1 POUND | 1 POUND
- 10 POUNDS | 10 POUNDS | 10 POUNDS | 1 POUND | 1 POUND
- 1 POUND | 1 POUND | 1 POUND | 1 POUND | 1 POUND

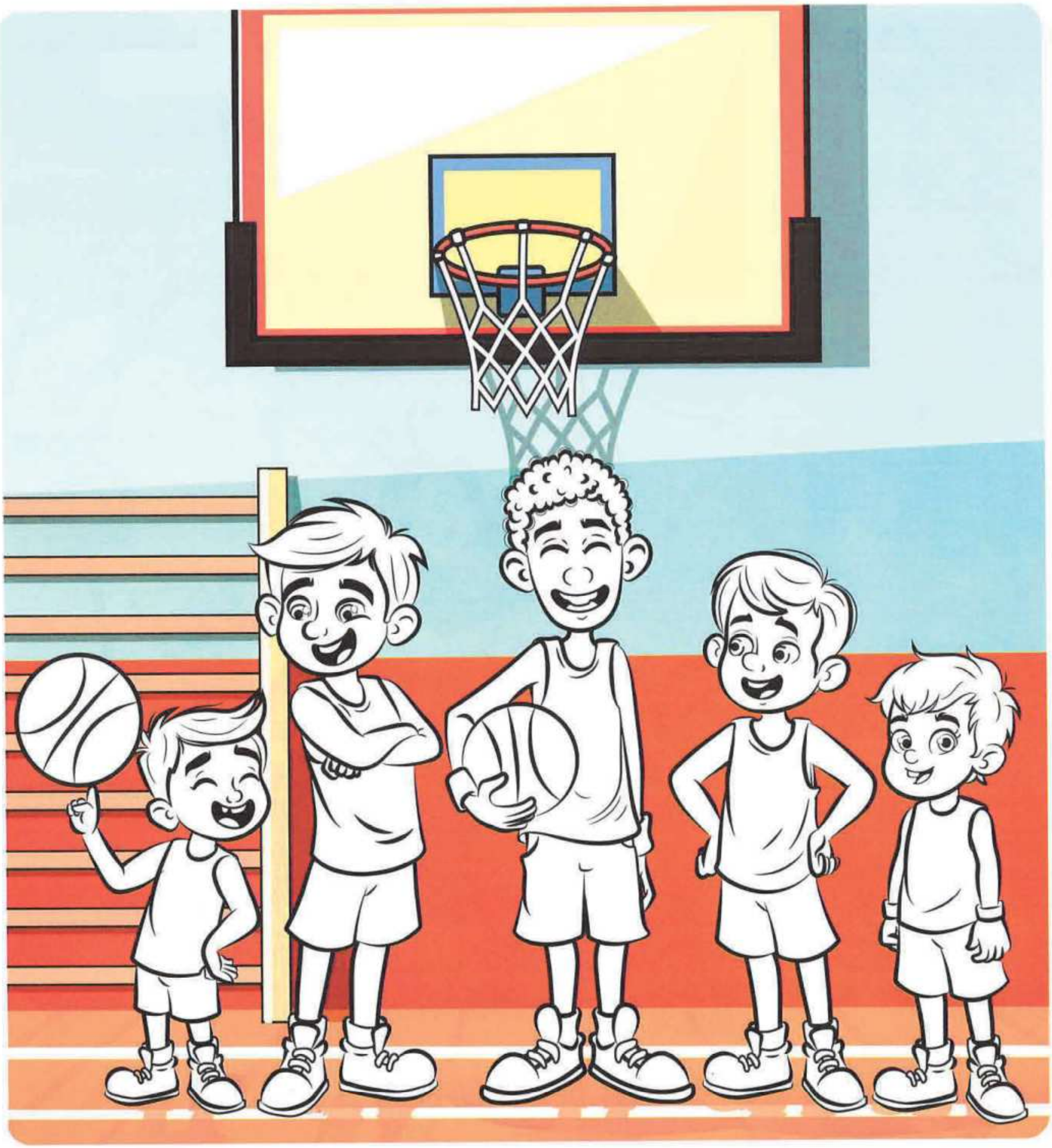
Draw notes to show the cost.

Draw notes to show the cost.

Place a smiley face

Art corner Chapter 1

Color the tallest player in red and the shortest player in green.



CHAPTER 2

Outcomes and key vocabulary of chapter two :

Lessons 71 to 75

Outcomes :

- Demonstrate understanding that a two-digit number represents an amount of tens and ones.
- Represent two-digit numbers as a quantity of tens and ones.
- Determine the value and the place value of each digit in a two-digit number.

Key vocabulary :

- Digit
- Quantity
- Number
- Tens
- Ones
- Value
- Place value

Lessons 76 & 77

Outcomes :

- Compare two-digit numbers using the symbols > , < , =.
- Use place value to compare two-digit numbers.

Key vocabulary :

- Greater than
- Value
- Less than
- Place value
- Equal to
- Tens
- Compare
- Ones

Lessons 78 & 79

Outcomes :

- Order three or more two-digit numbers from the least to the greatest and from the greatest to the least.

Key vocabulary :

- Greatest
- Smallest
- Least
- Compare

Lesson 80

Outcomes :

- Subtract multiples of 10 from multiples of 10.
- Skip count by 10's up to 90.

Key vocabulary :

- Subtract
- Equal to

Lessons **71 to 75**

• Tens and ones
• Place value

Tens and ones

A ten is the same as 10 ones put together.

Count the following sticks.

The number of sticks is 32

Form bundles of 10 sticks. Forming tens makes counting more easier.

32 Sticks form 3 bundles of 10 sticks and 2 loose sticks.

• Bundles of 10 are called Tens.

• Loose sticks are called Ones.

32 is formed from 3 tens and 2 ones.

Example 1

Form tens and write the number.

🌸🌸🌸🌸🌸🌸🌸🌸🌸🌸 🌸🌸🌸🌸

☐ tens ☐ ones → ☐

Solution

1 tens 4 ones → 14

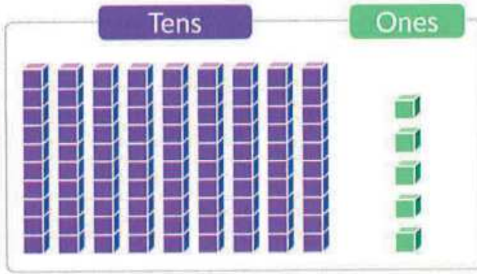
Notes for parents

- Bring some sticks, pencils,tooth picks, ...
- Count them with your child "say 43"......
- Form bundles of 10 pieces.
- Notice that : Number of bundles equals 4 and number of loose pieces equals 3.

- Number of bundles is called tens. - Number of loose pieces is called ones.

Different ways to make numbers

A 10 is the same as 10 ones put together



Here are some different ways to think about a number.

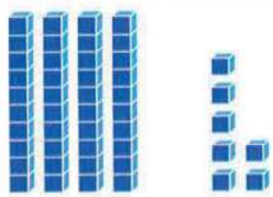
I see 9 tens and 5 ones.

9 tens 5 ones = 95

90 + 5

Example 2

Write how many tens and ones.



...... tens ...... ones = ...

...... + ...

Solution

4 tens 7 ones = 47

40 + 7

Play & learn

Value and place value

8 is in the **tens** place, its value = 80 ← 83 → 3 is in the **ones** place, its value = 3

For example:

64 → 6 is in the **tens** place, its value = 60

64 → 4 is in the **ones** place, its value = 4

- Give your child some two-digit numbers and ask him/her about the value of each digit in each number showing that the digit takes its value from its place in the number,

  for example : - In 35, the value of 3 is 30

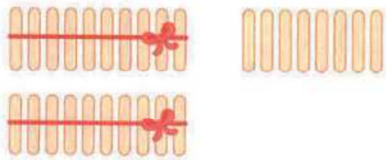
  - While in 83, the value of 3 is 3

Exercise 6

- Tens and ones
- Place value

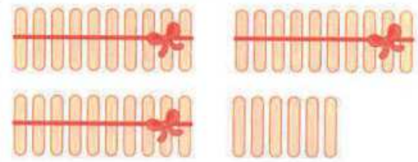
On Lessons 71 to 75

Count how many tens and ones. Write the number.



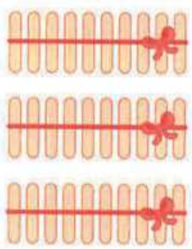
____ tens ____ ones

The number is ____



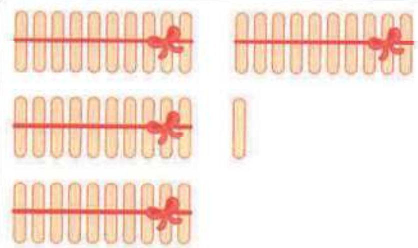
____ tens ____ ones

The number is ____



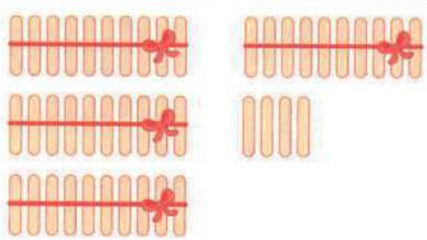
____ tens ____ ones

The number is ____



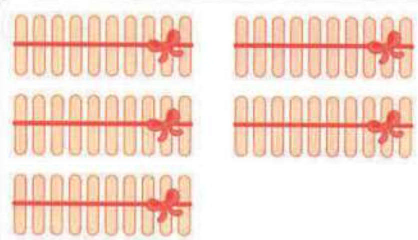
____ tens ____ ones

The number is ____



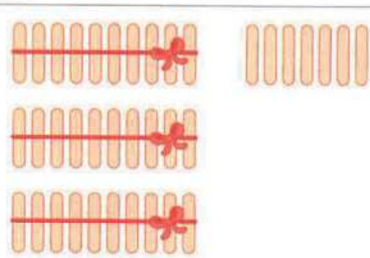
____ tens ____ ones

The number is ____



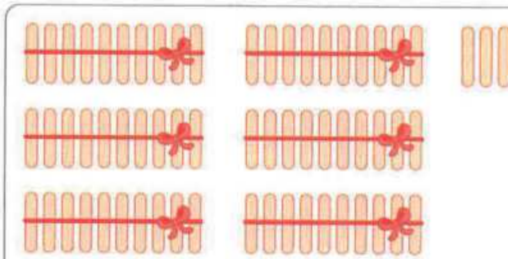
____ tens ____ ones

The number is ____



____ tens ____ ones

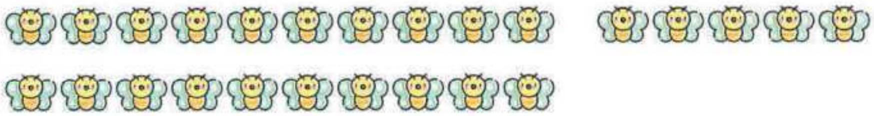
The number is ____



____ tens ____ ones

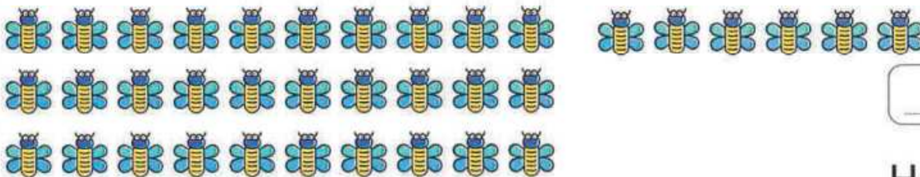
The number is ____

Count the objects. Circle the objects in groups of ten.
Write the number of tens and ones. Then write how many in all.



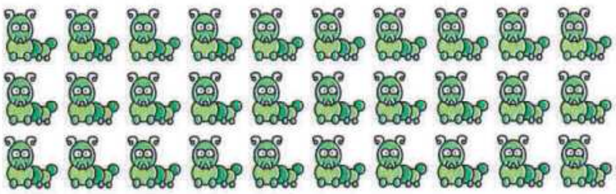
☐ tens ☐ ones

How many ? ☐



☐ tens ☐ ones

How many ? ☐

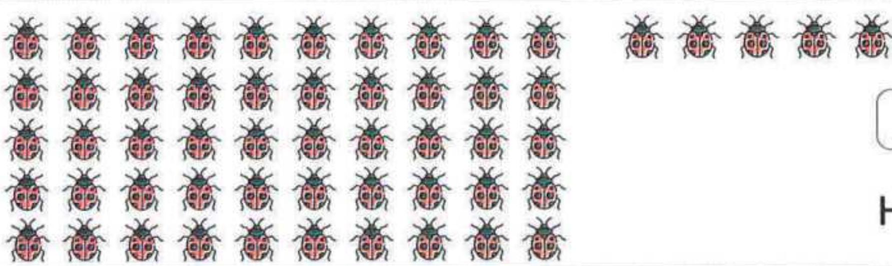


☐ tens ☐ ones

How many ? ☐

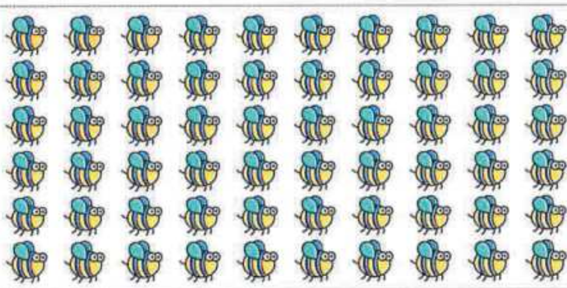
☐ tens ☐ ones

How many ? ☐



☐ tens ☐ ones

How many ? ☐



☐ tens ☐ ones

How many ? ☐

Write the tens and ones. The first one is done for you.

Number	tens	ones
56	5	6
33		
42		
13		
5		
60		
70		
98		
2		
87		
24		
19		

Write the number. The first one is done for you.

tens	ones	Number
7	2	72
1	5	
0	9	
2	7	
4	6	
3	0	
0	4	
8	0	
5	8	
9	1	
3	3	
6	7	

Read each number. Write the number of tens and ones. The first one is done for you.

	Tens	Ones		Tens	Ones		Tens	Ones
25	2	5	58			17		
43			34			71		
28			22			66		
30			92			19		
54			7			81		
65			86			40		

Write (✓) to the correct statement and (✗) to the incorrect statement.

- 34 has 3 tens and 4 ones. ( )
- 71 has 1 ten and 7 ones. ( )
- 20 has 2 ones. ( )
- 96 has 6 ones and 9 tens. ( )
- 10 has 10 ones. ( )
- 45 has 5 ones and 4 tens. ( )
- 8 has 8 tens. ( )
- 62 has 6 ones and 2 tens. ( )

Complete. The first one is done for you.

Number	Tens	=	Ones	=
43	4	40	3	3
89	____	____	____	____
35	____	____	____	____
26	____	____	____	____
67	____	____	____	____
11	____	____	____	____
94	____	____	____	____
70	____	____	____	____
52	____	____	____	____

Choose the correct answer.

Given	Choices
2 tens , 3 ones	32 or 23
9 ones , 1 ten	91 or 19
4 tens , 8 ones	48 or 84
50 , 1	51 or 15
10 , 4	14 or 41
3 , 60	36 or 63
76	7 tens , 6 ones or 6 tens , 7 ones
95	5 tens , 9 ones or 9 tens , 5 ones
40	4 tens or 4 ones
18	10 , 8 or 80 , 1
87	80 , 7 or 70 , 8
31	1 , 30 or 3 , 10

Write the value of each digit. The first one is done for you.

Tens	Number	Ones
40	42	2
____	68	____
____	93	____
____	56	____
____	17	____
____	84	____

Tens	Number	Ones
20	24	4
____	86	____
____	39	____
____	65	____
____	71	____
____	48	____

Match.

30 + 6   9 + 60   6 + 90   9 + 30   90 + 3

69   96   36   93   39

Write the correct number in each.

2 tens , 5 ones	____	1 ten , 3 ones	____
7 tens , 6 ones	____	9 tens , 0 ones	____
1 one , 4 tens	____	8 ones , 3 tens	____
2 ones , 5 tens	____	6 ones , 0 tens	____
6 tens	____	5 tens , 1 one	____
1 ten , 4 ones	____	8 ones	____
9 ones , 3 tens	____	7 ones , 4 tens	____

Match.

4 ones , 5 tens	4 tens , 5 ones	8 tens , 2 ones	2 tens , 8 ones	4 tens , 8 ones

40 + 5	50 + 4	8 + 20	8 + 40	80 + 2

Write the numbers. The first one is done for you.

60 + 2 = 62	20 + 7 = ___	50 + 9 = ___
70 + 5 = ___	3 + 90 = ___	60 + 4 = ___
2 + 10 = ___	8 + 80 = ___	6 + 30 = ___
9 + 40 = ___	7 + 10 = ___	8 + 40 = ___
1 + 90 = ___	20 + 2 = ___	30 + 8 = ___

Show the numbers in a different way.
The first one is done for you.

38 = 30 + 8	73 = ___ + ___	52 = ___ + ___
96 = ___ + ___	14 = ___ + ___	65 = ___ + ___
21 = ___ + ___	84 = ___ + ___	47 = ___ + ___
44 = ___ + ___	66 = ___ + ___	29 = ___ + ___
78 = ___ + ___	53 = ___ + ___	12 = ___ + ___

Write the numbers. The first one is done for you.

60 + 2 [62]	20 + 7 [ ]	50 + 9 [ ]
70 + 5 [ ]	3 + 90 [ ]	60 + 4 [ ]
2 + 10 [ ]	8 + 80 [ ]	6 + 30 [ ]
9 + 40 [ ]	7 + 10 [ ]	8 + 40 [ ]
1 + 90 [ ]	20 + 2 [ ]	30 + 8 [ ]

Show the numbers in a different way.
The first one is done for you.

38 [30 + 8]	73 [+]	52 [+]
96 [+]	14 [+]	65 [+]
21 [+]	84 [+]	47 [+]
44 [+]	66 [+]	29 [+]
78 [+]	53 [+]	12 [+]

Write the place value of the digit 5 in each of the following numbers. The first one is done for you.

53	52	65	51
tens			

35	5	54	75

Circle the value of the blue digit. The first one is done for you.

73	57	38	86
(3) or 30	5 or 50	8 or 80	6 or 60
78	**19**	**83**	**17**
7 or 70	9 or 90	8 or 80	1 or 10
62	**98**	**45**	**37**
6 or 60	9 or 90	5 or 50	7 or 70
53	**72**	**96**	**49**
5 or 50	7 or 70	6 or 60	9 or 90

Complete. The first one is done for you.

- In 52 the digit 5 is in the **tens** place. Its value is **50**
- In 36 the digit 3 is in the ______ place. Its value is ______
- In 63 the digit 3 is in the ______ place. Its value is ______
- In 12 the digit 2 is in the ______ place. Its value is ______
- In 21 the digit 2 is in the ______ place. Its value is ______
- In 50 the digit 0 is in the ______ place. Its value is ______
- In 94 the digit 9 is in the ______ place. Its value is ______
- In 76 the digit 6 is in the ______ place. Its value is ______

Complete the following table. The first one is done for you.

The number	72	34	95	66	80
The value of the digit in the ones place	2	______	______	______	______
The value of the digit in the tens place	70	______	______	______	______

Who am I ? Choose me.

I have 3 in my tens place.	93	39
I have 5 in my ones place.	15	54
I have 6 in my ones place.	60	76
I have 4 in my tens place.	24	42
My tens place is 1 more than my ones place.	32	56
My ones place is 1 more than my tens place.	54	12
My tens place is more than 6	81	69
My tens place is less than 4	63	25
My tens place is less than 1	10	9
My ones place is more than 3	4	50

Cancel all squares that :

- have numbers its tens digit is 8
- have numbers its ones digit is 5
- have numbers its ones digit is more than 7
- have numbers its tens digit is 3

K 87	I 15	H 68	Q 30	X 81	V 45
	E 17	W 75	C 19		L 78
G 71	Y 23		M 25	Z 65	J 82
	O 59	N 37			A 29
				R 18	F 32
B 31	P 24	D 79	U 84	S 34	T 47

Use the remaining letters to form a word ....

Place a smiley face

Lessons 76 & 77

Comparing two numbers

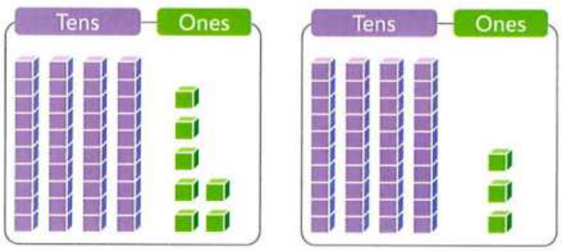
Comparing numbers

Comparing numbers is used to find greater, smaller or equal numbers.

Play & learn

First : Compare the **tens** digits. Then : Compare the **ones** digits.

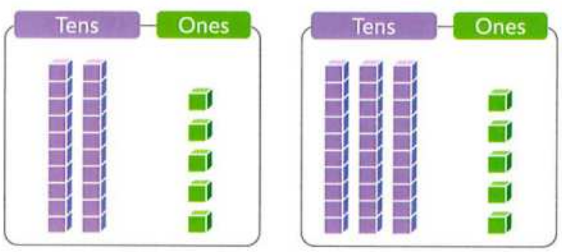
Examples



47 is greater than **43**

47 > 43

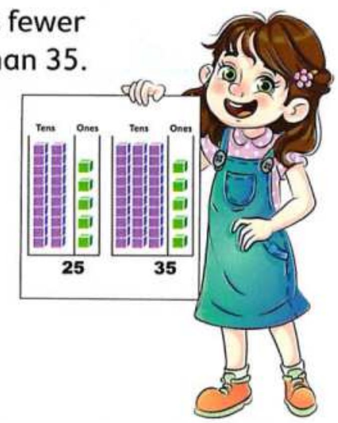
43 and 47 have the same number of tens, but 47 has more ones.

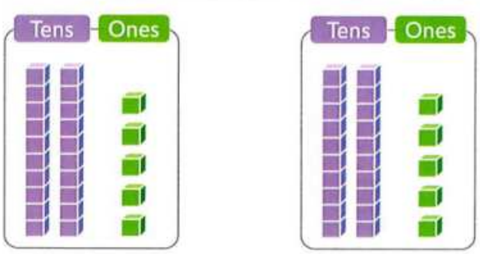


25 is less than **35**

25 < 35

25 has fewer tens than 35.





25 is equal to **25**

25 = 25

The two numbers have the same number of tens and the same number of ones.

Notes for parents

- Remind your child the symbols of " < is less than, > is greater than and = is equal to ".

Exercise 7

Comparing two numbers

On Lessons **76 & 77**

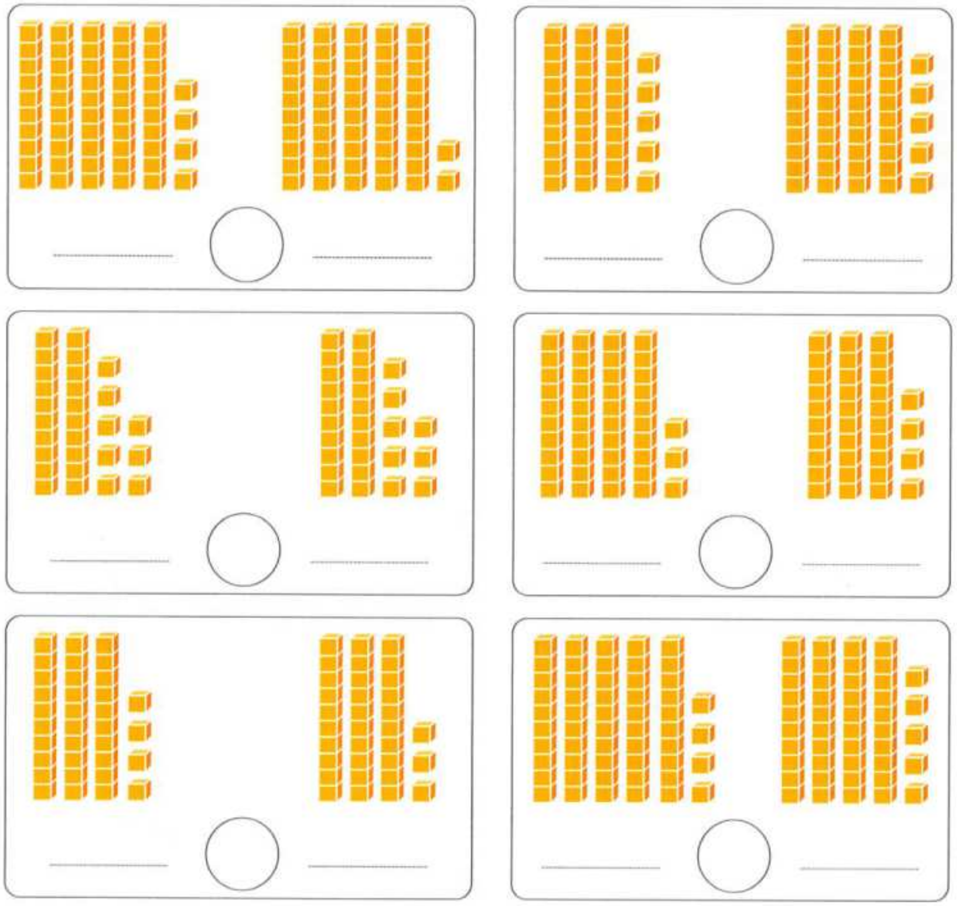
Circle the greater number. Write the numbers.
The first one is done for you.

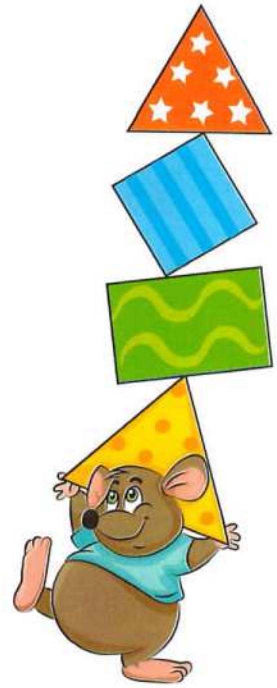
58 (85) 85 is greater than 58 85 > 58	86 76 ____ is greater than ____ ____ > ____	30 28 ____ is greater than ____ ____ > ____
19 90 ____ is greater than ____ ____ > ____	44 49 ____ is greater than ____ ____ > ____	63 36 ____ is greater than ____ ____ > ____
25 31 ____ is greater than ____ ____ > ____	49 50 ____ is greater than ____ ____ > ____	12 18 ____ is greater than ____ ____ > ____

Circle the number that is less. Write the numbers.
The first one is done for you.

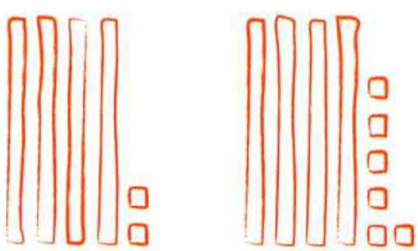
66 (65) 65 is less than 66 65 < 66	62 71 ____ is less than ____ ____ < ____	50 49 ____ is less than ____ ____ < ____
19 16 ____ is less than ____ ____ < ____	85 58 ____ is less than ____ ____ < ____	24 42 ____ is less than ____ ____ < ____
75 25 ____ is less than ____ ____ < ____	48 63 ____ is less than ____ ____ < ____	53 35 ____ is less than ____ ____ < ____

Write the number, then write "> , < or =".





Use to show each number. Draw the.
Write < , > or = in the circle. The first one is done for you.



42 $\textcircled{<}$ 46

36 ◯ 31

48 ◯ 48

16 ◯ 51

27 ◯ 27

62 ◯ 59

Write "< , > or =".

24	☐	15	9 ones	☐	1 ten
36	☐	36	9 tens , 8 ones	☐	99
61	☐	6	6 tens , 4 ones	☐	46
28	☐	20	40 + 5	☐	3 tens , 5 ones
47	☐	74	5 tens	☐	4 tens , 9 ones
5	☐	13	30 + 3	☐	3 tens , 3 ones
82	☐	85	6 tens	☐	7 ones
47	☐	51	25	☐	20 + 5
37	☐	28	50 + 7	☐	70 + 5
19	☐	20	8 tens	☐	9 + 10
42	☐	43	26	☐	6 ones , 2 tens
70	☐	9	8 + 70	☐	87

Circle the numbers that are greater than 60 and underline the numbers that are less than 60.

15	83	94	55	62	70	48	59
59	75	80	11	44	61	28	93

Choose the correct answer.

17 > ___	18 , 71 , 14	30 > ___	31 , 30 , 29
88 = ___	68 , 80+8 , 82	___ > 77	17 , 71 , 79
___ < 72	75 , 57 , 80	53 < ___	5 tens , 50+1 , 50+5
___ > 50	30 , 61 , 16	___ < 18	80 , 10 , 88
___ = 25	2+5 , 50+2 , 5+20	37 > ___	57 , 47 , 27
64 < ___	60 , 65 , 56	9 tens = ___	91 , 90 , 19
93 > ___	94 , 99 , 90	42 < ___	32 , 52 , 24

Write a suitable number.

8 < ___	12 > ___	___ < 36
___ > 42	25 = ___	50 > ___
69 > ___	31 < ___	___ = 76

___ < 8 tens , 3 ones	1 ten , 9 ones < ___
___ > 90 + 8	6 + 60 > ___

Write (✓) to the correct statement and (✗) to the incorrect statement.

- 10 is greater than 18 ( )
- 77 is less than 7 tens and 9 ones. ( )
- 3 tens is greater than 4 ones and 5 tens. ( )
- $9 + 40 > 90 + 4$ ( )
- 8 ones and 6 tens is equal to 68 ( )
- $60 + 7 < 6 + 70$ ( )
- 5 tens and 1 one is less than 16 ( )
- 2 ones and 2 tens is less than 30 ( )

Color the greater number in red and less number in blue for each kite. The first one is done for you.

Place a smiley face

Lessons 78 & 79 Ordering numbers

Ordering Numbers

You can order numbers from least to greatest (ascending order) or from greatest to least (descending order)

For example:

To order the numbers 33 , 31 , 36

Remember

$<$ is less than

$>$ is greater than

Ascending order
from least to greatest

$31 < 33 < 36$

31 = least, 36 = greatest

Descending order
from greatest to least

$36 > 33 > 31$

36 = greatest, 31 = least

Example

Arrange the following numbers from least to greatest and form greatest to least.

47 , 15 , 51 , 42

Solution

From least to greatest : 15 , 42 , 47, 51

From greatest to least : 51 , 47 , 42, 15

Notes for parents

- Give your child some numbers and ask him/her to put them in order from greatest to least or from least to greatest.

Exercise 8

Ordering numbers

On Lessons 78 & 79

Compare the numbers. Write them in the correct order. Then write > or <. The first one is done for you.

Play & learn

17 ($<$) 21 ($<$) 25

least — greatest

____ ○ ____ ○ ____

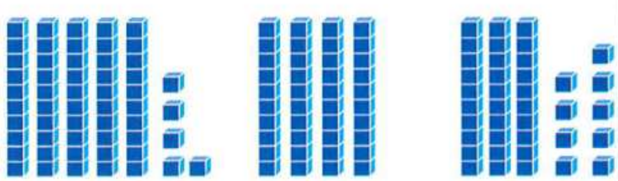
least — greatest

____ ○ ____ ○ ____

greatest — least

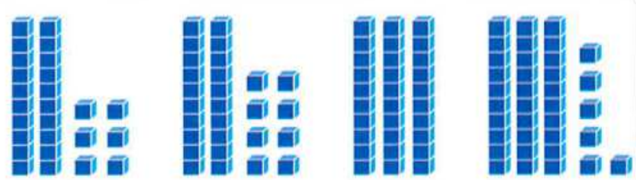
____ ○ ____ ○ ____

greatest — least



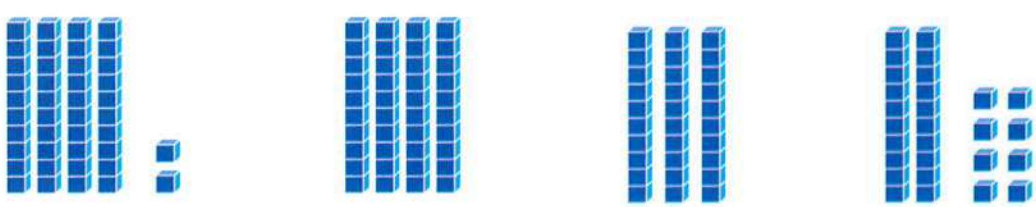
____ ○ ____ ○ ____

greatest — least



____ ○ ____ ○ ____ ○ ____

least — greatest



____ ○ ____ ○ ____ ○ ____

greatest — least

Write the numbers in the correct place. The first one is done for you.

25 , 38 , 30

38 > 30 > 25

greatest — least

36 , 82 , 26

___ > ___ > ___

greatest — least

77 , 27 , 17

___ > ___ > ___

greatest — least

45 , 89 , 98

___ < ___ < ___

least — greatest

35 , 19 , 52 , 20

___ > ___ > ___ > ___

greatest — least

51 , 10 , 17 , 30

___ < ___ < ___ < ___

least — greatest

22 , 63 , 56 , 70

___ < ___ < ___ < ___

least — greatest

33 , 55 , 12 , 56

___ > ___ > ___ > ___

greatest — least

10 , 57 , 2 , 34

___ < ___ < ___ < ___

least — greatest

60 , 96 , 69 , 90

___ > ___ > ___ > ___

greatest — least

14 , 17 , 74 , 47

___ < ___ < ___ < ___

least — greatest

65 , 29 , 56 , 32

___ < ___ < ___ < ___

least — greatest

Write the numbers in order from the least to the greatest. The first one is done for you.

Ascending order

56 , 36 , 63 , 53

36 , 53 , 56 , 63

81 , 88 , 80 , 8

_____ , _____ , _____ , _____

73 , 37 , 36 , 63

_____ , _____ , _____ , _____

62 , 43 , 36 , 45

_____ , _____ , _____ , _____

58 , 63 , 52 , 70

_____ , _____ , _____ , _____

69 , 75 , 70 , 68

_____ , _____ , _____ , _____

90 , 45 , 22 , 93 , 41

_____ , _____ , _____ , _____ , _____

Write the numbers in order from the greatest to the least. The first one is done for you.

Descending order

56 , 65 , 46 , 64

65 , 64 , 56 , 46

43 , 40 , 4 , 45

____ , ____ , ____ , ____

51 , 75 , 74 , 70

____ , ____ , ____ , ____

84 , 81 , 40 , 48

____ , ____ , ____ , ____

29 , 92 , 24 , 60

____ , ____ , ____ , ____

72 , 80 , 76 , 85

____ , ____ , ____ , ____

50 , 57 , 73 , 53 , 75

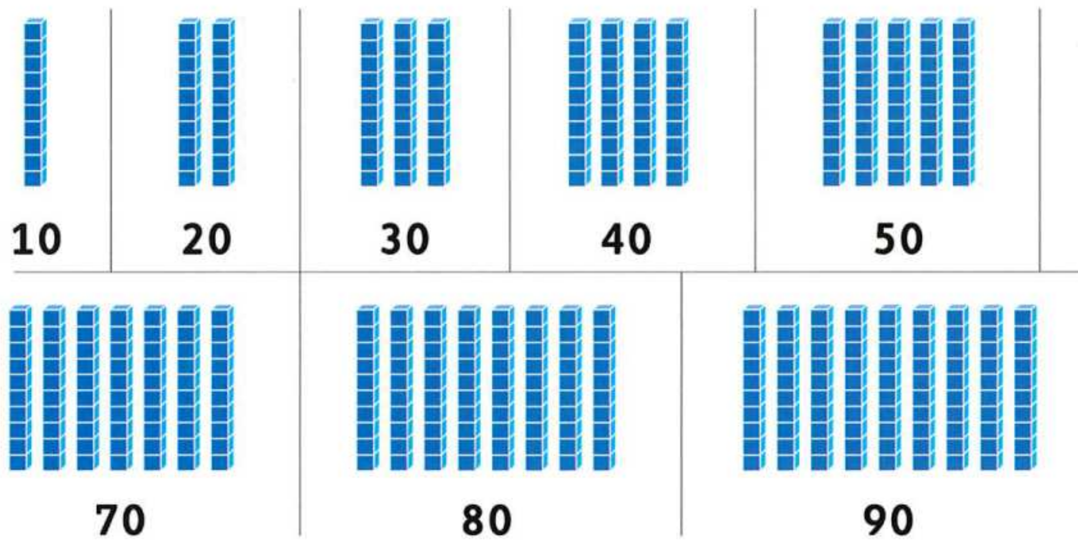
____ , ____ , ____ , ____ , ____

Place a smiley face

Lesson 80

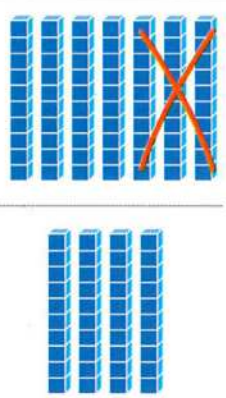
Subtracting multiples of 10 from multiples of 10

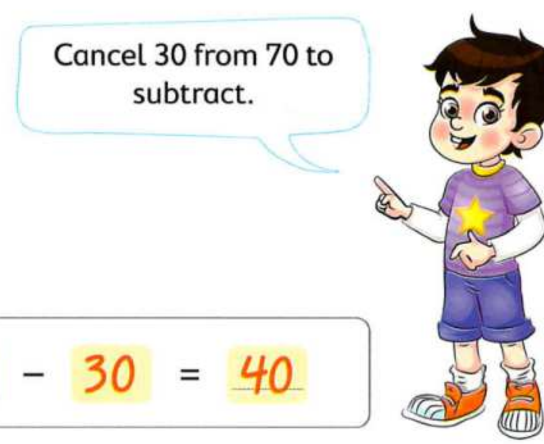
Counting by 10's up to 90



Subtracting multiples of 10 from multiples of 10

	70
−	30
	40



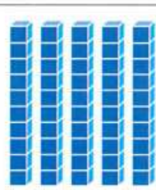


70 − 30 = 40

Example

Subtract.

	50
−	20
	......



Solution

	50
−	20
	30

Notes for parents

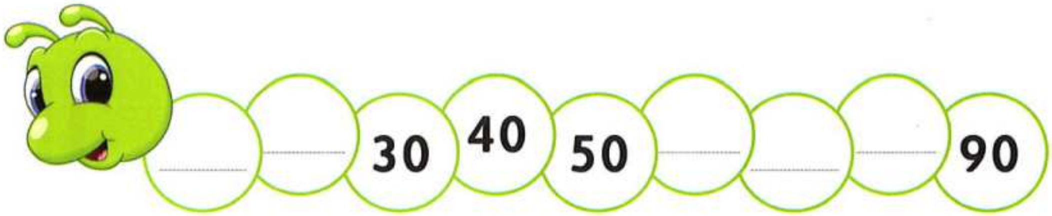
- Help your child solve subtraction problems of multiple of 10 using play cubes, bundles of 10, 10 pounds notes.

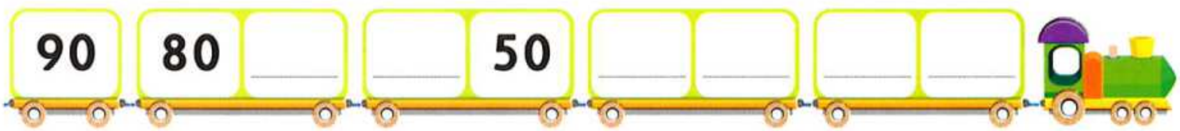
Exercise 9

Subtracting multiples of 10 from multiples of 10

On Lesson 80

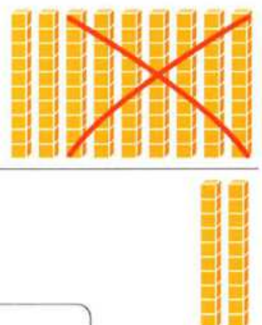
Complete.





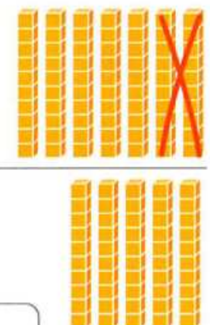
Subtract.

$$\begin{array}{r} 90 \\ -\ 70 \\ \hline ___ \end{array}$$



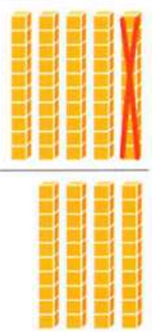
90 − 70 = ___

$$\begin{array}{r} 70 \\ -\ 20 \\ \hline ___ \end{array}$$



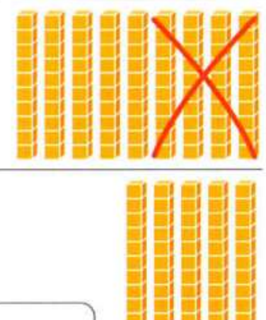
70 − 20 = ___

$$\begin{array}{r} 50 \\ -\ 10 \\ \hline ___ \end{array}$$



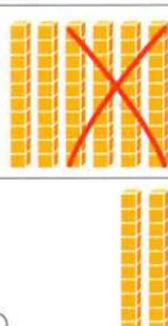
50 − 10 = ___

$$\begin{array}{r} 90 \\ -\ 40 \\ \hline ___ \end{array}$$



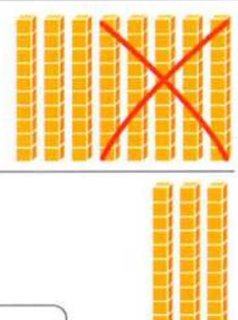
90 − 40 = ___

$$\begin{array}{r} 60 \\ -\ 40 \\ \hline ___ \end{array}$$



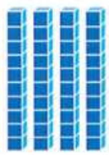
60 − 40 = ___

$$\begin{array}{r} 80 \\ -\ 50 \\ \hline ___ \end{array}$$

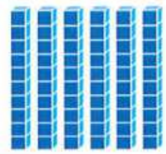


80 − 50 = ___

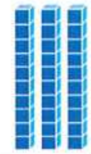
Subtract.

$$\begin{array}{r} 40 \\ -\ 10 \\ \hline ___ \end{array}$$


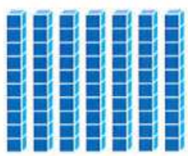
40 − 10 = ___

$$\begin{array}{r} 60 \\ -\ 20 \\ \hline ___ \end{array}$$


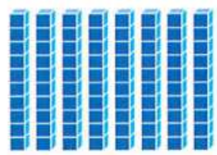
60 − 20 = ___

$$\begin{array}{r} 30 \\ -\ 10 \\ \hline ___ \end{array}$$


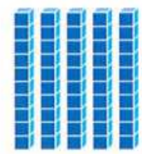
30 − 10 = ___

$$\begin{array}{r} 70 \\ -\ 40 \\ \hline ___ \end{array}$$


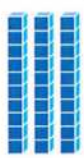
70 − 40 = ___

$$\begin{array}{r} 80 \\ -\ 60 \\ \hline ___ \end{array}$$


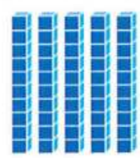
80 − 60 = ___

$$\begin{array}{r} 50 \\ -\ 10 \\ \hline ___ \end{array}$$


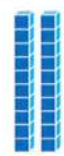
50 − 10 = ___

$$\begin{array}{r} 30 \\ -\ 20 \\ \hline ___ \end{array}$$


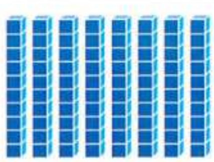
30 − 20 = ___

$$\begin{array}{r} 50 \\ -\ 30 \\ \hline ___ \end{array}$$


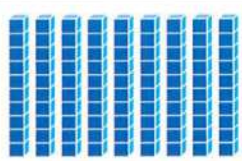
50 − 30 = ___

$$\begin{array}{r} 20 \\ -\ 20 \\ \hline ___ \end{array}$$


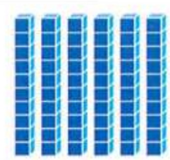
20 − 20 = ___

$$\begin{array}{r} 80 \\ -\ 70 \\ \hline ___ \end{array}$$


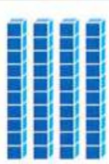
80 − 70 = ___

$$\begin{array}{r} 90 \\ -\ 80 \\ \hline ___ \end{array}$$


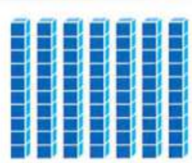
90 − 80 = ___

$$\begin{array}{r} 60 \\ -\ 40 \\ \hline ___ \end{array}$$


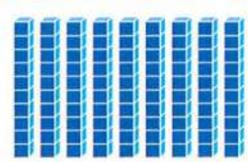
60 − 40 = ___

$$\begin{array}{r} 40 \\ -\ 30 \\ \hline ___ \end{array}$$


40 − 30 = ___

$$\begin{array}{r} 70 \\ -\ 20 \\ \hline ___ \end{array}$$


70 − 20 = ___

$$\begin{array}{r} 90 \\ -\ 30 \\ \hline ___ \end{array}$$


90 − 30 = ___

Choose the correct answer.

You may use sticks to subtract

40 – 10	20	30	60 – 30	20	30
70 – 60	10	50	90 – 50	60	40
80 – 30	50	60	20 – 10	30	10
60 – 20	80	40	50 – 20	30	40
70 – 40	20	30	80 – 60	70	20

Subtract.

You may use sticks to subtract

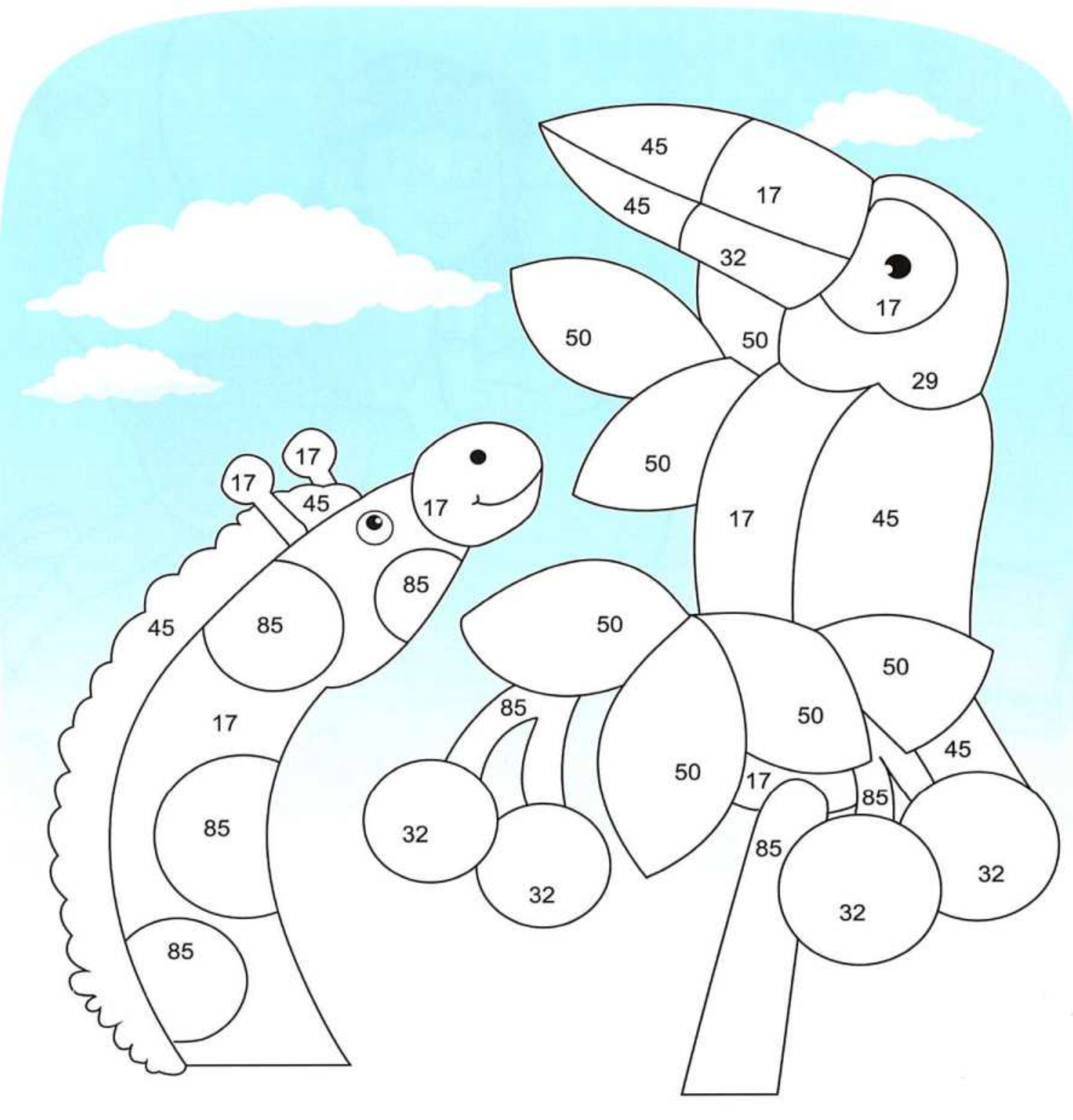
80 – 70 = ___	30 – 20 = ___
40 – 20 = ___	80 – 40 = ___
60 – 10 = ___	90 – 30 = ___
70 – 50 = ___	60 – 40 = ___
90 – 60 = ___	50 – 30 = ___
50 – 10 = ___	80 – 10 = ___
80 – 50 = ___	70 – 20 = ___
50 – 40 = ___	30 – 30 = ___
90 – 10 = ___	60 – 50 = ___

Place a smiley face

Art corner Chapter 2

Find the number, then color.

- 8 tens and 5 ones — Brown
- one ten and 7 ones — Yellow
- 2 tens and 9 ones — Blue
- 3 tens and 2 ones — Red
- 5 tens — Green
- 4 tens and 5 ones — Black



CHAPTER 3

Outcomes and key vocabulary of chapter three :

Lessons 81 to 83

Outcomes :

- Subtract multiples of 10 from multiples of 10 within 90.
- Apply place value concepts to solve subtraction problems.

Key vocabulary :

- Place value
- Subtraction
- Ten-stack

Lessons 84 & 85

Outcomes :

- Apply strategies to solve addition story problems within 20.
- Solve addition problems to find an unknown quantity.

Key vocabulary :

- Addition
- Place value
- Subtraction
- Unknown

Lesson 86

Outcomes :

- Apply strategies to solve subtraction story problems within 20.
- Solve subtraction problems to find an unknown quantity.

Key vocabulary :

- Addition
- Subtraction
- Unknown

Lessons 87 to 90 (A)

Outcomes :

- Count forward by ones and tens starting at any number.
- Count backward by ones and tens starting at any number.

Key vocabulary :

- Forward
- Backward

Lessons 87 to 90 (B)

Outcomes :

- Apply strategies to add 1 L.E. , 5 L.E. , 10 L.E. , 20 L.E. and 50 L.E. notes within 100 L.E.
- Subtract amounts of money within 100 L.E.
- Apply strategies to add amount of money within 100 Egyptian pounds.

Key vocabulary :

- Addition
- Running total
- Subtraction
- Unknown

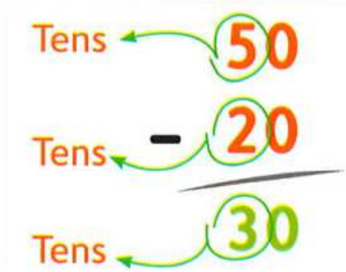
Lessons 81 to 83

Subtracting tens

Subtracting tens

A bird found **50** seeds. It ate **20** of them.

How many seeds are left ?



	5 Tens
−	2 Tens
	3 Tens

$50 - 20 = 30$

30 seeds are left.

Note

5	helps you to find	50
− 2		− 20
3		30

Example 1

Subtract.

70 − 20	9 tens − 3 tens	60 − 40	80 − 10
....	....	....	....

Solution

50	6 tens	20	70

Example 2

Write (✓) to the correct statement and (✗) to the incorrect statement.

- **5** tens − **2** tens = **3** tens ( )
- **70 − 60 = 50** ( )

Solution

(✓) (✗)

Notes for parents

- Ask your child how he/she use the fact 6 − 4 = 2 to find 60 − 40 or 6 tens − 4 tens ? let him/her explain his/her thinking.

Exercise 10

Subtracting tens

On Lessons **81 to 83**

Subtract.

70 − 60 = ___ ; ___ Tens − ___ Tens = ___ Tens	20 − 10 = ___ ; ___ Tens − ___ Tens = ___ Tens	80 − 30 = ___ ; ___ Tens − ___ Tens = ___ Tens
80 − 40 = ___ ; ___ Tens − ___ Tens = ___ Tens	50 − 30 = ___ ; ___ Tens − ___ Tens = ___ Tens	60 − 20 = ___ ; ___ Tens − ___ Tens = ___ Tens
40 − 20 = ___ ; ___ Tens − ___ Tens = ___ Tens	60 − 10 = ___ ; ___ Tens − ___ Tens = ___ Tens	90 − 80 = ___ ; ___ Tens − ___ Tens = ___ Tens
90 − 30 = ___ ; ___ Tens − ___ Tens = ___ Tens	70 − 40 = ___ ; ___ Tens − ___ Tens = ___ Tens	50 − 10 = ___ ; ___ Tens − ___ Tens = ___ Tens
70 − 10 = ___ ; ___ Tens − ___ Tens = ___ Tens	60 − 40 = ___ ; ___ Tens − ___ Tens = ___ Tens	30 − 20 = ___ ; ___ Tens − ___ Tens = ___ Tens

Choose the correct answer.

7 tens – 2 tens = ______ tens	3 or 5 or 9
6 tens – 3 tens = ______ tens	2 or 3 or 4
5 tens – 4 tens = ______ tens	9 or 3 or 1
8 tens – 1 tens = ______ tens	9 or 6 or 7
4 tens – 4 tens = ______ tens	1 or 0 or 8
3 tens – 1 tens = ______ tens	1 or 2 or 4
9 tens – 5 tens = ______ tens	6 or 4 or 5

Subtract.

8 tens – 5 tens = ______ tens

6 tens – 4 tens = ______ tens

7 tens – 1 tens = ______ tens

9 tens – 7 tens = ______ tens

2 tens – 1 tens = ______ tens

6 tens – 6 tens = ______ tens

4 tens – 3 tens = ______ tens

6 tens – 5 tens = ______ tens

8 tens – 7 tens = ______ tens

7 tens – 3 tens = ______ tens

9 tens – 1 tens = ______ tens

4 tens – 2 tens = ______ tens

8 tens – 6 tens = ______ tens

5 tens – 1 tens = ______ tens

9 tens – 3 tens = ______ tens

6 tens – 1 tens = ______ tens

5 tens – 2 tens = ______ tens

3 tens – 3 tens = ______ tens

Subtract.

6 Tens − 2 Tens ___ Tens	9 Tens − 4 Tens ___ Tens	5 Tens − 5 Tens ___ Tens	7 Tens − 6 Tens ___ Tens	5 Tens − 3 Tens ___ Tens
6 Tens − 1 Tens ___ Tens	8 Tens − 5 Tens ___ Tens	3 Tens − 1 Tens ___ Tens	6 Tens − 4 Tens ___ Tens	4 Tens − 2 Tens ___ Tens
7 Tens − 3 Tens ___ Tens	8 Tens − 3 Tens ___ Tens	9 Tens − 7 Tens ___ Tens	6 Tens − 6 Tens ___ Tens	7 Tens − 2 Tens ___ Tens

Subtract.

70 − 20 = ___	60 − 30 = ___	50 − 30 = ___
40 − 40 = ___	50 − 50 = ___	70 − 50 = ___
90 − 20 = ___	30 − 20 = ___	50 − 10 = ___
60 − 40 = ___	80 − 50 = ___	60 − 10 = ___
70 − 40 = ___	60 − 50 = ___	90 − 70 = ___
80 − 10 = ___	40 − 20 = ___	80 − 60 = ___

Join.

80 − 50	1 ten
70 − 60	30
6 tens − 1 ten	60
7 tens − 3 tens	20
50 − 3 tens	4 tens
90 − 30	5 tens

Subtract.

$\begin{array}{r} 50 \\ -\ 40 \\ \hline \end{array}$ $\begin{array}{r} 80 \\ -\ 20 \\ \hline \end{array}$ $\begin{array}{r} 70 \\ -\ 40 \\ \hline \end{array}$ $\begin{array}{r} 80 \\ -\ 50 \\ \hline \end{array}$ $\begin{array}{r} 70 \\ -\ 20 \\ \hline \end{array}$

$\begin{array}{r} 20 \\ -\ 10 \\ \hline \end{array}$ $\begin{array}{r} 30 \\ -\ 30 \\ \hline \end{array}$ $\begin{array}{r} 40 \\ -\ 30 \\ \hline \end{array}$ $\begin{array}{r} 30 \\ -\ 20 \\ \hline \end{array}$ $\begin{array}{r} 10 \\ -\ 10 \\ \hline \end{array}$

$\begin{array}{r} 90 \\ -\ 60 \\ \hline \end{array}$ $\begin{array}{r} 50 \\ -\ 30 \\ \hline \end{array}$ $\begin{array}{r} 90 \\ -\ 20 \\ \hline \end{array}$ $\begin{array}{r} 80 \\ -\ 60 \\ \hline \end{array}$ $\begin{array}{r} 60 \\ -\ 40 \\ \hline \end{array}$

Match.

90 − 50	40 − 10	50 − 40	60 − 10	90 − 70	80 − 20
1 ten	5 tens	4 tens	6 tens	3 tens	2 tens

Subtract, then write "> , < or =".

30-10	◯	4 tens	70-40	◯	5 tens
60-30	◯	3 tens	5 tens	◯	90-40
1 ten	◯	20-10	80-30	◯	6 tens
50-40	◯	60-40	70-10	◯	90-20
40-20	◯	30-30	90-50	◯	60-20
70-60	◯	20-10	80-30	◯	70-30

Write (✓) to the correct statement (✗) to the incorrect statement.

- 80 – 50 = 30 ( )
- 40 – 10 = 5 tens ( )
- 7 tens – 3 tens = 40 ( )
- 9 tens – 7 tens = 5 tens ( )
- 6 tens – 60 = 6 tens ( )
- 30 – 2 tens = 10 ( )
- 5 tens – 1 ten = 3 tens ( )
- 20 – 1 ten = 1 ten ( )

Find the missing numbers.

60	– 10 →	___	– 20 →	___
80	– 3 tens →	___	– ___ →	40
90	– 10 →	___	– 60 →	___
70	– ___ →	30	– 2 tens →	___
90	– 2 tens →	___	– 10 →	___
				↓ – ___
___	← – 1 ten	___	← – 3 tens	40

Place a smiley face

Lessons 84 & 85 Problem solving strategies on addition

Problem solving strategy (1)

2 children ride bicycles.

4 children joined them.

How many children are riding bicycles now ?

Writing a number sentence strategy

Understand • What do you want to find out ?
Circle the question.

Plan • What facts do you need ?
Underline them.

Solve • Write a number sentence to solve.

2 + 4 = 6

Check • Does your answer make sense ?

Draw a picture to check.

There are 6 children riding bicycles now.

Notes for parents

- Make a story with addition problem and help your child to write the related number sentence to find the result.

Problem solving strategy (2)

Sara has **7** flowers.

Her mother gave her some extra flowers.

Now Sara has **11** flowers.

How many flowers did her mother give her ?

Drawing a picture strategy

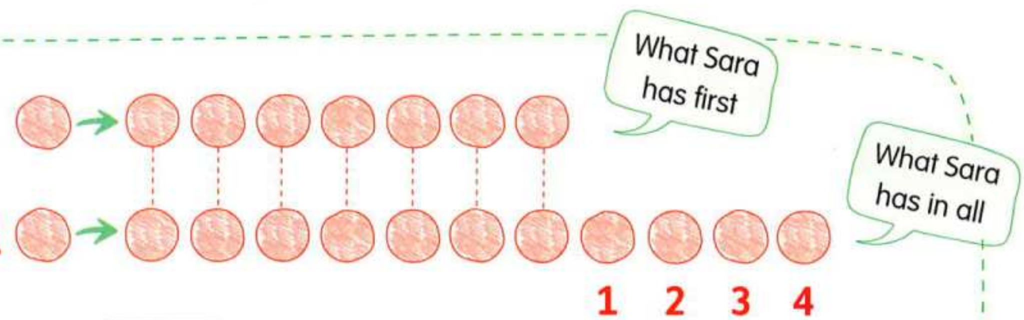
- Write a number sentence to solve.

7 + ? = 11

- Draw a picture to solve.

• Draw **7**

• Draw **11**



7 + 4 = 11

• Her mother gave her 4 extra flowers.

Notes for parents

• Ask your child to make a story with addition problem and let him/her explain the story and write the realted number sentence to find the result.

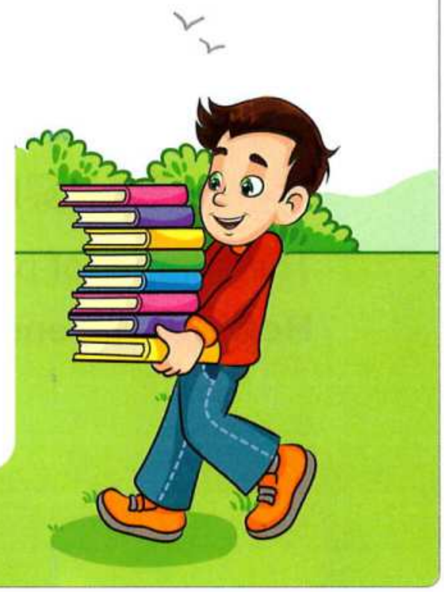
Problem solving strategy (3)

Sameh has **8** books.

His teacher gave him some extra books.

Sameh has now **15** books.

How many books did his teacher give him ?



Subtraction strategy using fact families

- **Write a number sentence.**

8 + ? = **15**

Remember fact family

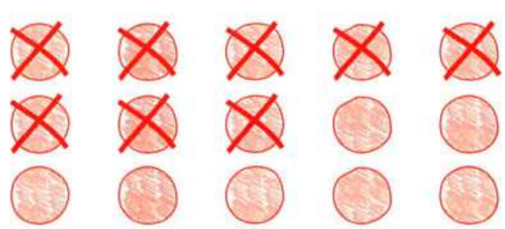
$8 + 7 = 15$
$15 - 8 = 7$
$15 - 7 = 8$

- **Change addition to subtraction.**

Start with the answer and subtract the quantity you know to get the unknown.

15 - **8** = ?

- **Draw a picture to solve.**



Draw **15** circles.
Cancel **8**.
You will get **7**.

15 - **8** = 7

• His teacher gave him 7 books.

• Explain to your child how to use the fact family of 9 + 4 = 13 to find 13 – 4.

Exercise 11

Problem solving strategies on addition

On Lessons 84 & 85

Solve each of the following story problems.

Aly has **6** pens. He bought some extra pens.

The number of pens with Aly became **17**.

How many pens did Aly buy ?

There are **14** children playing football. Some children joined them. The number of children became **19**.

How many children did join them ?

Sandy baked **6** cupcakes. She baked more cupcakes and finally she had **14** cupcakes.

How many more cupcakes did Sandy bake ?

Adam has **9** yellow fish. He added some red fish such that the total number of fish became **13**.

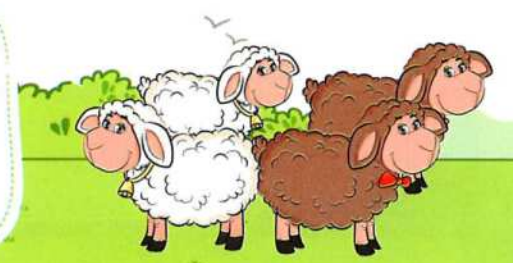
Find the number of red fish.

A team scored **13** goals in the first round and scored some goals in the second round. The total goals in the two rounds is **19** goals.

How many goals did this team score in the second round ?

There are two flocks of sheep. One contains **8** sheep and the total number of sheep in the two flocks is **17**.

How many sheep are in the other flock ?



Ahmed has **13** stamps. His friend gave him some more stamps. Now, he has **18** stamps.

How many stamps did Ahmed's friend give him ?

In a class, there are **12** boys. If the total number of boys and girls in this class is **20**.

How many girls are in this class ?

In one day, Bassem read **7** pages of a book. In the next day he read some pages in the same book. If the total pages he read is **18** pages.

How many pages did he read in the second day ?

Circle the correct answer.

$10 + \bigcirc = 15$

3 or 5 or 8

$\bigcirc + 7 = 17$

10 or 12 or 9

$\bigcirc + 5 = 12$

7 or 6 or 5

$13 + \bigcirc = 15$

3 or 12 or 2

$14 + \bigcirc = 18$

16 or 12 or 4

$\bigcirc + 15 = 20$

3 or 5 or 15

Write the missing number.

$15 + \bigcirc = 18$	$6 + \bigcirc = 12$
$\bigcirc + 7 = 11$	$\bigcirc + 5 = 15$
$13 + \bigcirc = 19$	$12 + \bigcirc = 19$
$\bigcirc + 5 = 12$	$\bigcirc + 8 = 14$
$8 + \bigcirc = 17$	$10 + \bigcirc = 20$
$\bigcirc + 4 = 14$	$\bigcirc + 8 = 16$
$9 + \bigcirc = 18$	$7 + \bigcirc = 15$

Place a smiley face

Lesson **86**

Problem solving strategies on subtraction

Problem solving strategy (1)

15 birds were flying.

Some landed on a tree.

6 are still in the air.

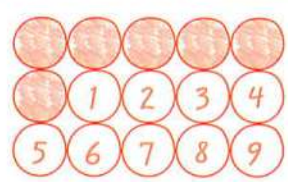
How many birds did land on the tree ?

Drawing a picture strategy

- Write a number sentence.

15 - ? = 6

- Draw a picture to solve.



- Draw **15** circles.
- Color **6** circles and count the left circles to get the answer.

15 - 9 = 6

- 9 birds landed on the tree.

Notes for parents

- Make a story with subtraction problem and help your child to write the related number sentence to find the answer .

Problem solving strategy (2)

Wael has **18** pounds.

He bought a chocolate.

Now he has **10** pounds.

How much money did the chocolate cost ?

Counting strategy

- Write a number sentence.

$$18 - \boxed{?} = 10$$

- Change addition to addition.

$$10 + \boxed{?} = 18$$

- Count to solve.

  - Count from **10** to **18**.
  - You will get **8**.

  $$18 - 8 = 10$$

  - The cost of the chocolate is 8 pounds.

- Have your child tell the addition fact that can help him/her to find the missing number for 14 – ? = 6 (8 + 6 = 14).

Exercise 12

Problem solving strategies on subtraction

On Lesson **86**

Solve each of the following story problems.

Maged has **12** apples. He gave some of them to his sister and the left is **7** apples.

How many apples did he give to his sister ?

There are **15** carrots. Bunnies ate some of them and **5** carrots are left.

How many carrots did the bunnies eat ?

Heba had **16** books. She gave some of them to her friends. **9** books were left with her.

How many books did she give to her friends ?

19 bees were flying. Some went into the hive.

7 bees are still in the air.

How many bees went into the hive ?

There were **18** boys on the field.

Then, **12** boys left.

How many boys were still on the field ?

Ali had **16** playing cards. He gave some of them to his friends.

13 cards were left.

How many playing cards did Ali give to his friends ?

Draw circles. Write a number sentence to solve.

There were **15** boys at the game.
Then, **6** boys went home.
How many boys are still at the game ?

There were **18** grapes.
Mark ate **5** of them.
How many grapes are left ?

Amgad had **17** toys, he sold some of them and the left with him is **8**.
How many toys did Amgad sell ?

Ahmed had **13** pencils.
He gave away **9** of them.
How many pencils does he have now ?

Dina had **20** flowers in her garden.
She picked some of them and there are **12** flowers were left in the garden.
How many flowers did Dina pick ?

Write the missing number.

13 − ◯ = 4

17 − ◯ = 5

12 − ◯ = 9

15 − ◯ = 10

14 − ◯ = 7

18 − ◯ = 8

19 − ◯ = 11

20 − ◯ = 12

16 − ◯ = 8

19 − ◯ = 10

Choose.

12 − ◯ = 4 8 or 9 or 7	15 − ◯ = 11 5 or 4 or 9
9 − ◯ = 3 12 or 6 or 3	20 − ◯ = 8 18 or 12 or 14
16 − ◯ = 14 4 or 2 or 6	18 − ◯ = 8 8 or 9 or 10
14 − ◯ = 7 14 or 10 or 7	13 − ◯ = 6 6 or 7 or 8

Match.

15 − ◯ = 5	12 − ◯ = 7	14 − ◯ = 3	17 − ◯ = 8
9	5	10	11

Write (✓) to the correct statement and (✗) to the incorrect statement.

• 8 – 5 = 3	( )	• 15 – 4 = 13	( )
• 11 – 2 = 9	( )	• 16 – 10 = 6	( )
• 19 – 6 = 3	( )	• 18 – 8 = 8	( )
• 14 – 7 = 8	( )	• 20 – 5 = 15	( )

Write the missing numbers (you may draw circles).

9 − ___ = 4	8 − ___ = 5
12 − ___ = 3	16 − ___ = 9
17 − ___ = 7	15 − ___ = 10
16 − ___ = 8	14 − ___ = 5
13 − ___ = 13	16 − ___ = 11
19 − ___ = 8	12 − ___ = 6
17 − ___ = 2	14 − ___ = 13
11 − ___ = 3	19 − ___ = 10
18 − ___ = 9	13 − ___ = 8
15 − ___ = 7	14 − ___ = 7
12 − ___ = 2	20 − ___ = 10
19 − ___ = 19	16 − ___ = 3

Place a smiley face

Lessons 87 to 90 (A)

- **Counting forward by tens**
- **Counting backward by ones and tens**

Counting forward by tens

Start on 1 on the hundred chart.
Count forward by tens.

	1	2	3	4	5	6	7	8	9	10
10 more	11	12	13	14	15	16	17	18	19	20
10 more	21	22	23	24	25	26	27	28	29	30
10 more	31	32	33	34	35	36	37	38	39	40
10 more	41	42	43	44	45	46	47	48	49	50
10 more	51	52	53	54	55	56	57	58	59	60
10 more	61	62	63	64	65	66	67	68	69	70
10 more	71	72	73	74	75	76	77	78	79	80
10 more	81	82	83	84	85	86	87	88	89	90
10 more	91	92	93	94	95	96	97	98	99	100

▶ From the chart : By starting on 1 and counting forward by tens , the order is :

11 , 21 , 31 , 41 , 51 , 61 , 71 , 81 , 91

Example 1

Start on 2. Count forward by tens.

Solution

12 , 22 , 32 , 42 , 52 , 62 , 72 , 82 , 92

Notes for parents

- Say a number from 1 to 10 and ask your child to count forward by tens.

Counting backward by ones

Start on 100 on the hundred chart.
Count backward by ones.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

1 less   1 less   1 less   1 less   1 less   1 less   1 less   1 less   1 less

▶ From the chart : By starting on 100 and counting backward by ones , the order is :

99 , 98 , 97 , 96 , 95 , 94 , 93 , 92 , 91 ,...

Example 2

Start on 90. Count backward by ones.

Solution

89 , 88 , 87 , 86 , 85 , 84 , 83 , 82 , 81 ,...

• Point to any number on the hundred chart and let your child count backward by ones, repeat it many times.

Counting backward by tens

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

10 less
10 less
10 less
10 less
10 less
10 less
10 less
10 less
10 less

▶ From the chart : By starting on 100 and counting backward by tens , the order is :

90 , 80 , 70 , 60 , 50 , 40 , 30 , 20 , 10

Example 3

Start on 98. Count backward by tens.

Solution

88 , 78 , 68 , 58 , 48 , 38 , 28 , 18 , 8

Notes for parents

- Say any number that is not greater than 100.
- Say your child to start on that number and count backward by tens.

Exercise 13

- Counting forward by tens
- Counting backward by ones and tens

On Lessons **87 to 90 (A)**

Start on the given number. Count forward by tens. Write the number you say.

Use the hundred chart if you need.

Start on 6

16 , 26 , ____ , ____ , ____ , ____ , ____

Start on 4

14 , ____ , ____ , ____ , ____ , ____ , ____

Start on 7

____ , ____ , ____ , ____ , ____ , ____ , ____

Start on 3

____ , ____ , ____ , ____ , ____ , ____ , ____

Start on 5

____ , ____ , ____ , ____ , ____ , ____ , ____

Start on 9

____ , ____ , ____ , ____ , ____ , ____ , ____

Circle the number that comes next.

- 6 , 16 , 26 , ____ 36 or 46
- 25 , 35 , 45 , 55 , ____ 50 or 65
- 57 , 67 , 77 , 87 , ____ 79 or 97
- 33 , 43 , 53 , 63 , ____ 70 or 73
- 42 , 52 , 62 , 72 , ____ 92 or 82
- 10 , 20 , 30 , 40 , ____ 50 or 55

Count forward by tens. Write the numbers.

- 3 , 13 , 23 , ____ , ____
- 18 , 28 , 38 , ____ , ____
- 47 , 57 , 67 , ____ , ____
- 29 , 39 , 49 , ____ , ____
- 36 , 46 , 56 , ____ , ____ , ____
- 41 , 51 , 61 , ____ , ____ , ____
- 24 , 34 , 44 , ____ , ____ , ____
- 12 , 22 , 32 , ____ , ____ , ____
- 45 , 55 , 65 , ____ , ____ , ____
- 6 , 16 , 26 , ____ , ____ , ____

Start on the given number. Count backward by ones. Write the number you say.

Use the hundred chart if you need.

Start on 70

69, 68, ____, ____, ____, ____, ____

Start on 55

54, 53, ____, ____, ____, ____, ____

Start on 45

44, ____, ____, ____, ____, ____, ____

Start on 33

____, ____, ____, ____, ____, ____, ____

Start on 12

____, ____, ____, ____, ____, ____, ____

Start on 79

____, ____, ____, ____, ____, ____, ____

Start on the given number. Count backward by tens. Write the number you say.

Use the hundred chart if you need.

Start on 86

76 , 66 , ____ , ____ , ____ , ____ , ____

Start on 68

58 , 48 , ____ , ____ , ____ , ____

Start on 55

45 , ____ , ____ , ____ , ____

Start on 74

____ , ____ , ____ , ____ , ____ , ____ , ____

Start on 61

____ , ____ , ____ , ____ , ____ , ____

Start on 94

____ , ____ , ____ , ____ , ____ , ____ , ____

Count backward by ones or tens.
Circle the number that comes next.

- 21 , 20 , 19 , ____ — 18 or 9
- 55 , 45 , 35 , ____ — 34 or 25
- 42 , 41 , 40 , ____ — 49 or 39
- 23 , 22 , 21 , 20 , ____ — 10 or 19
- 57 , 47 , 37 , 27 , ____ — 17 or 7
- 82 , 72 , 62 , 52 , ____ — 42 or 32

Count backward by ones or tens. Write the numbers.

- 85 , 84 , 83 , ____ , ____
- 33 , 32 , 31 , ____ , ____
- 50 , 40 , 30 , ____ , ____
- 67 , 66 , 65 , ____ , ____
- 74 , 73 , 72 , ____ , ____ , ____
- 91 , 81 , 71 , ____ , ____ , ____
- 22 , 21 , 20 , ____ , ____ , ____
- 45 , 44 , 43 , ____ , ____ , ____
- 86 , 76 , 66 , ____ , ____ , ____
- 95 , 85 , 75 , ____ , ____ , ____

Place a smiley face

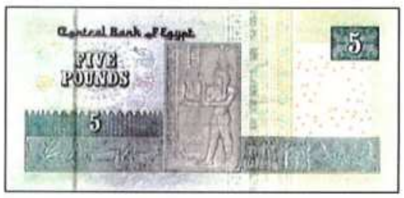
Lessons
87 to 90
(B)

Money again

Money

5 L.E.

Front



Back

20 L.E.

Front

Back

50 L.E.

Front

Back

100 L.E.

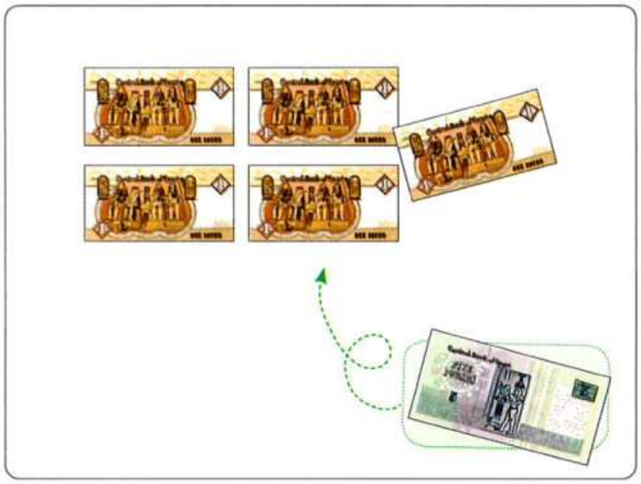
Front

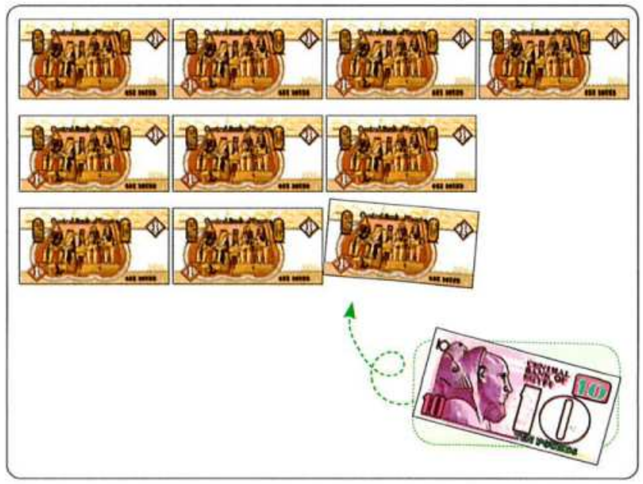
Back

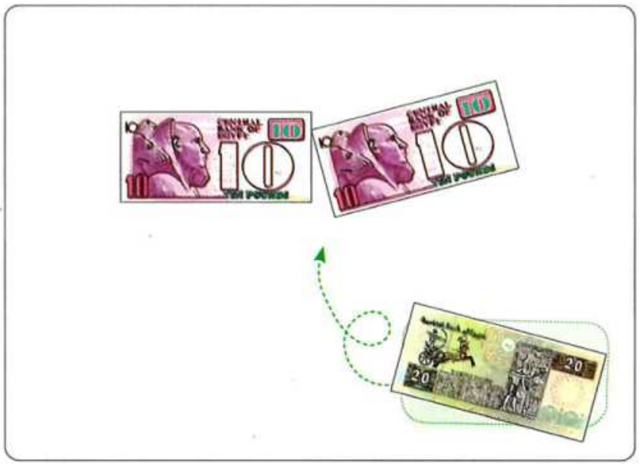
Notes for parents

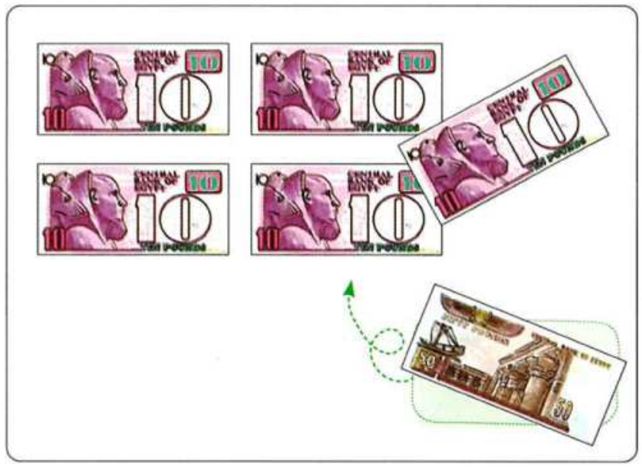
- Give your child some groups of banknotes to reinforce the value of each note.
- Ask your child to find another way to show 50 L.E.

Counting money

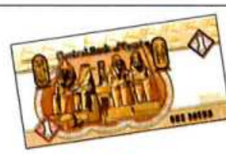








Subtracting amount of money within 100 L.E. Use the hundred chart if you need.



100 L.E. − 1 L.E. = 99 L.E.

100 L.E. − 10 L.E. = 90 L.E.

100 L.E. − 20 L.E. = 80 L.E.

Use counting backward by ones or tens to subtract amount of money as subtracting numbers.

• Help your child count some groups of money and tell the value of each group.

Exercise 14

Money again

On Lessons **87 to 90 (B)**

Join.

50 pounds

1 pound

20 pounds

100 pounds

5 pounds

Write the amount of each banknote.

.... L.E.

.... L.E.

.... L.E.

.... L.E.

.... L.E.

.... L.E.

.... L.E.

Circle the correct amount.

55 L.E. or 45 L.E.

90 L.E. or 80 L.E.

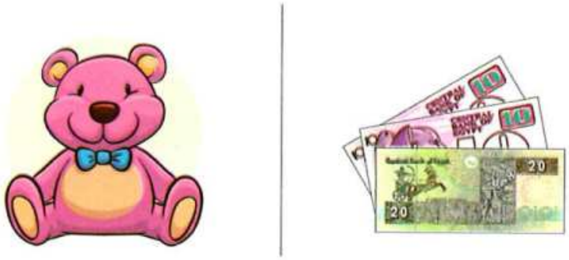
76 L.E. or 67 L.E.

39 L.E. or 40 L.E.

88 L.E. or 83 L.E.

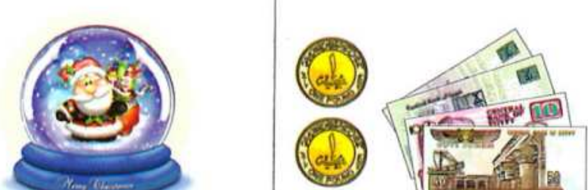
72 L.E. or 82 L.E.

Write the price of each item.



.... L.E.

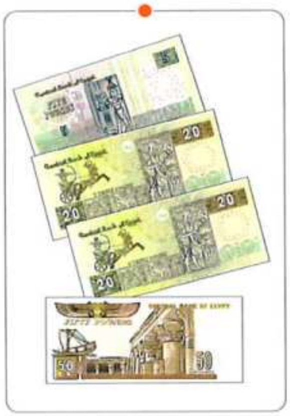
.... L.E.

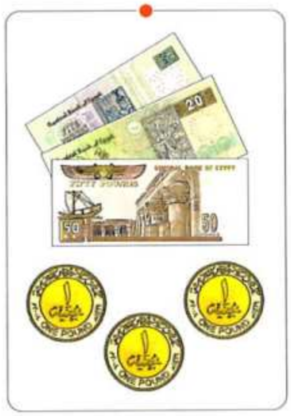


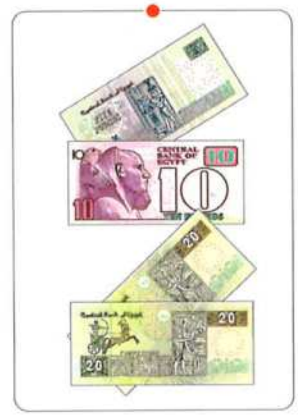
.... L.E.

.... L.E.

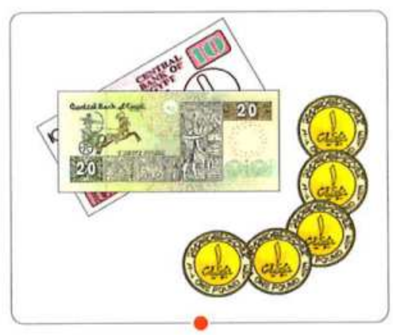
Join each item to its price.

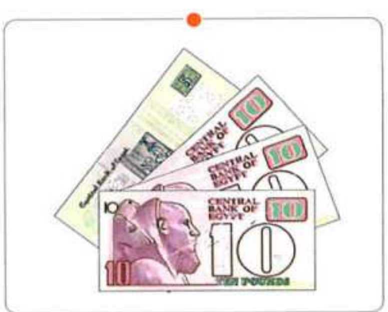


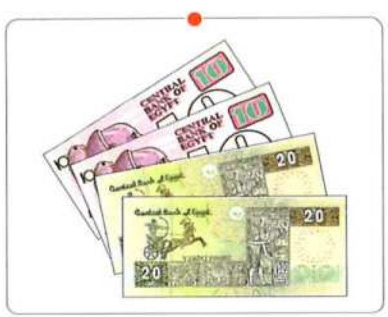




Join the equal amounts of money.







Write the amount of money.

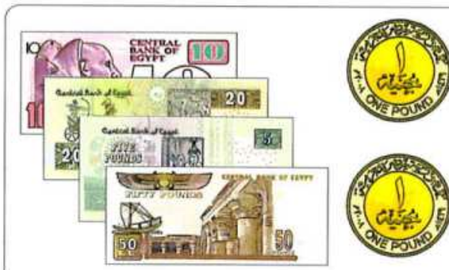
...... L.E.

...... L.E.

...... L.E.

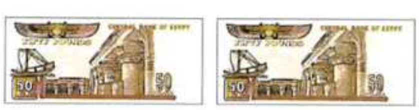
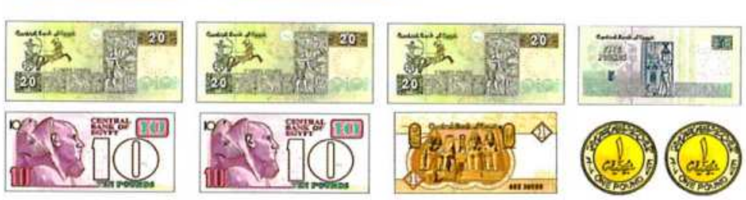
...... L.E.

...... L.E.



...... L.E.

Write (✓) to the correct statement and (✗) to the incorrect statement.

- are 35 L.E. ( )
- are 80 L.E. ( )
- are 96 L.E. ( )
- are 80 L.E. ( )
-  are 100 L.E. ( )
-  are 86 L.E. ( )

Circle to show each of the following amounts of money.

- 35 L.E.

10 L.E. 10 L.E. 10 L.E. 5 L.E. 5 L.E.

- 65 L.E.

50 L.E. 20 L.E. 10 L.E. 5 L.E. 5 L.E.

- 95 L.E.

50 L.E. 20 L.E. 20 L.E. 10 L.E. 5 L.E. 5 L.E.

- 50 L.E.

20 L.E. 10 L.E. 20 L.E. 5 L.E. 20 L.E. 5 L.E.

- 75 L.E.

20 L.E. 50 L.E. 10 L.E. 5 L.E. 5 L.E.

- 100 L.E.

50 L.E. 20 L.E. 20 L.E. 5 L.E. 5 L.E. 10 L.E.

- 80 L.E.

50 L.E. 5 L.E. 5 L.E. 10 L.E. 20 L.E.

- 60 L.E.

20 L.E. 20 L.E. 10 L.E. 10 L.E. 20 L.E.

Join.

40 L.E. – 10 L.E.	40 L.E.
100 L.E. – 20 L.E.	72 L.E.
73 L.E. – 1 L.E.	30 L.E.
50 L.E. – 10 L.E.	80 L.E.
82 L.E. – 20 L.E.	62 L.E.

Subtract the amount.

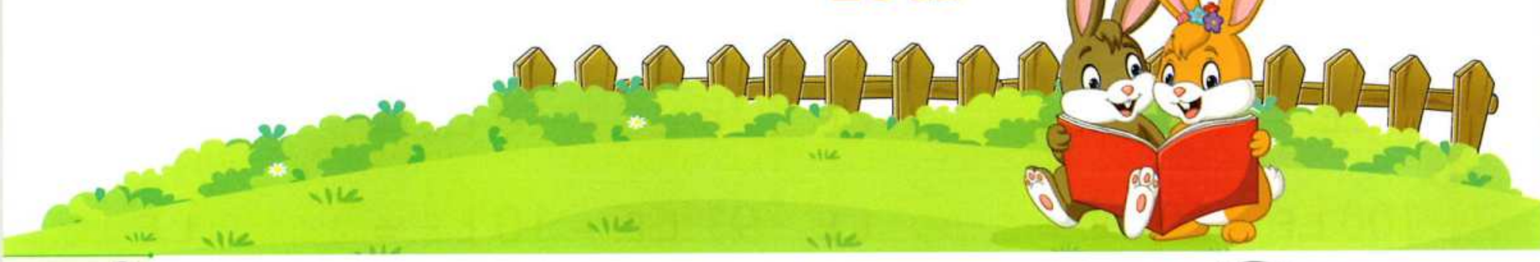
60 L.E. – 10 L.E. = ________ L.E.	95 L.E. – 10 L.E. = ________ L.E.
80 L.E. – 20 L.E. = ________ L.E.	100 L.E. – 1 L.E. = ________ L.E.
74 L.E. – 20 L.E. = ________ L.E.	83 L.E. – 10 L.E. = ________ L.E.
56 L.E. – 1 L.E. = ________ L.E.	39 L.E. – 20 L.E. = ________ L.E.
96 L.E. – 20 L.E. = ________ L.E.	18 L.E. – 1 L.E. = ________ L.E.
27 L.E. – 1 L.E. = ________ L.E.	55 L.E. – 10 L.E. = ________ L.E.
5 L.E. – 1 L.E. = ________ L.E.	28 L.E. – 20 L.E. = ________ L.E.
100 L.E. – 10 L.E. = ________ L.E.	91 L.E. – 10 L.E. = ________ L.E.
50 L.E. – 1 L.E. = ________ L.E.	67 L.E. – 20 L.E. = ________ L.E.

Complete.

- 100 L.E.
- − 10 L.E. → 90 L.E.

- − 10 L.E. → ______ L.E.
- − 20 L.E. → ______ L.E.
- − 20 L.E. → ______ L.E.

- − 10 L.E. → ______ L.E.
- − 20 L.E. → ______ L.E.
- − 10 L.E. → ______ L.E.



Place a smiley face

Complete the following, then color according to the missing number.

$60 - 40 =$ ....

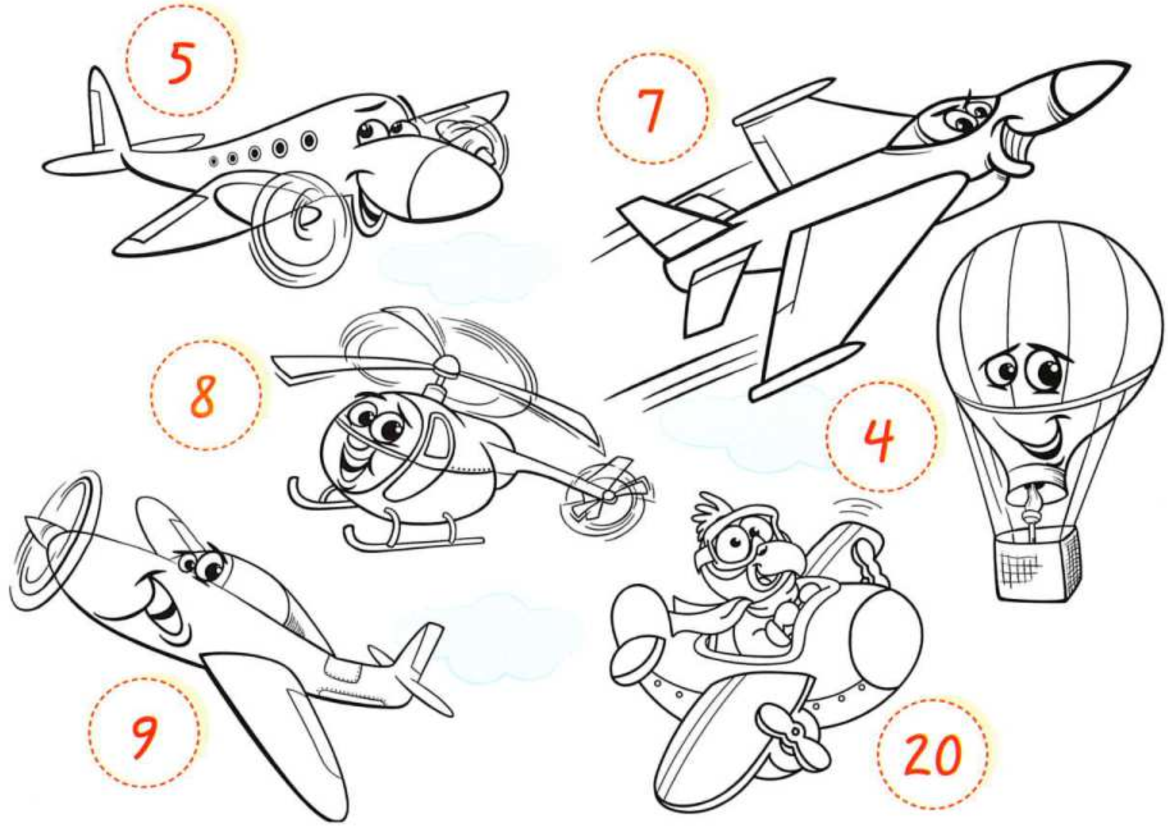
$13 -$ .... $= 8$

$12 +$ .... $= 16$

.... $+ 9 = 17$

$15 -$ .... $= 8$

$7 +$ .... $= 16$



CHAPTER 4

Outcomes and key vocabulary of chapter four :

Lessons 91 to 95 (A)

Outcomes :

- Apply place value concepts to solve a subtraction problem.
- Apply place value concepts to solve an addition problem.

Key vocabulary :

- Subtraction
- Addition

Lessons 91 to 95 (B)

Outcomes :

- Identify and illustrate examples of circles, rectangles, squares and triangles.
- Build and draw two-dimensional shapes.
- Identify the attributes of circles, rectangles, squares and triangles.

Key vocabulary :

- Attribute
- Triangle
- Square
- Rectangle
- Circle
- Side
- Corner

Lessons 91 to 95 (C)

Outcomes :

- Identify three-dimensional shapes : square-based pyramid, rectangular prism (cuboid), cube, sphere, cone, cylinder.
- Identify two-dimensional shapes within three-dimensional shapes.
- Identify examples of three dimensional shapes in the real life.
- Compose two-dimensional shapes to create three dimensional shapes.

Key vocabulary :

- Attribute
- Rectangular prism (cuboid)
- Square-based pyramid
- Cube
- Cone
- Cylinder
- Sphere
- Edge
- Flat
- Corner
- Side
- Circle
- Face
- Solid

Lessons 96 & 97

Outcomes :

- Divide a circle/rectangle into two and four equal shares.
- Describe equal shares of a circle/rectangle as halves and fourths (quarters) of the whole shape.
- Identify how many equal shares of a circle/rectangle makes a whole.
- Explain that decomposing circles/rectangles into equal shares creates smaller shares.

Key vocabulary :

- Circle
- Rectangle
- Equal
- Halves
- Fourths
- Quarters
- Parts
- Whole

Lessons 98 to 100

Outcomes :

- Decompose quantities within 10 into two parts.
- Create number bonds to model decomposition.
- Write number sentences to model decomposition.
- Count by ones and tens up to 100.

Key vocabulary :

- Decompose
- Number bond
- One hundred

Lessons 91 to 95 (A)

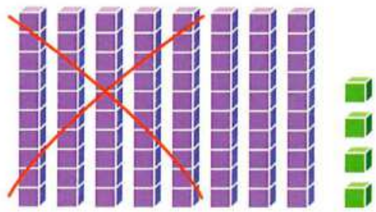
- Subtracting multiples of 10 from two-digit numbers
- Adding multiples of 10 to two-digit numbers

Subtracting multiples of 10 from two-digit numbers

Subtract 84 - 50

First way

  84
− 50
———
  34



Take 5 tens out of 8 tens and 4 ones.

84 - 50 = 34

Second way

  84
− 50
———
  34

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Start at 84 and move up 5 rows because each row is 10. You will reach the number 34.

84 - 50 = 34

Third way

	tens	ones	
	8	4	
−	5	0	
8-5	3	4	4-0

- Line up the tens and the ones of the two numbers.
- Subtract the ones column first, then the tens column.

84 - 50 = 34

Notes for parents

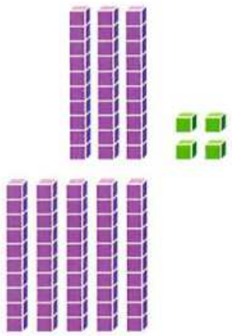
- Give your child an amount of money contains some tens notes and some pounds less than 10 and ask him/her to give you 10 or 20 or 30, ... and count the remainder.

Adding multiples of 10 to two-digit numbers

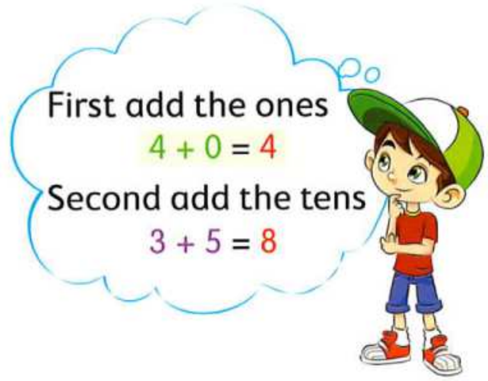
First way

Add.

$$\begin{array}{r} 34 \\ +\ 50 \\ \hline \end{array}$$



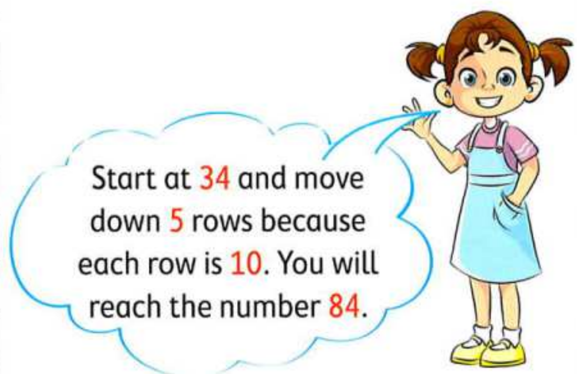
	tens	ones
	3	4
+	5	0
	8	4



34 + 50 = 84

Second way

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



34 + 50 = 84

Example

Find the results.

$$\begin{array}{r} 56 \\ -\ 20 \\ \hline \end{array} \qquad \begin{array}{r} 63 \\ +\ 30 \\ \hline \end{array} \qquad \begin{array}{r} 94 \\ -\ 50 \\ \hline \end{array} \qquad \begin{array}{r} 25 \\ +\ 40 \\ \hline \end{array}$$

Solution

36 | 93 | 44 | 65

• Give your child a two-digit number and ask him/her to add 10,20,30,40,50,... to this number.

Exercise 15

- Subtracting multiples of 10 from two-digit numbers
- Adding multiples of 10 to two-digit numbers

On Lessons 91 to 95 (A)

Subtract. The first one in done for you.

35 - 20

	35
−	20
	15

35 − 20 = 15

59 - 10

74 - 50

47 - 20

81 - 60

93 - 30

67 - 60

19 - 10

43 - 30

99 - 70

72 - 10

85 - 50

57 - 20

93 - 80

28 - 20

61 - 30

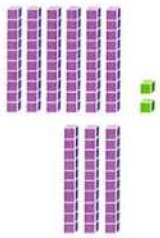
Subtract.

48 − 30 = ____	35 − 10 = ____	73 − 20 = ____
85 − 80 = ____	69 − 40 = ____	24 − 10 = ____
91 − 50 = ____	82 − 60 = ____	75 − 30 = ____
36 − 30 = ____	47 − 20 = ____	55 − 40 = ____
63 − 40 = ____	12 − 10 = ____	86 − 70 = ____

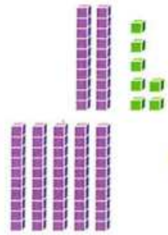
Subtract.

85 − 30 ____	64 − 40 ____	95 − 20 ____	77 − 50 ____	81 − 40 ____
42 − 30 ____	59 − 20 ____	74 − 20 ____	37 − 10 ____	97 − 40 ____
88 − 50 ____	96 − 60 ____	18 − 10 ____	29 − 20 ____	92 − 80 ____
74 − 70 ____	32 − 10 ____	54 − 40 ____	91 − 50 ____	66 − 30 ____

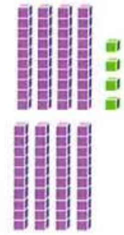
Complete.



	tens	ones
	___	___
+	___	___
	___	___



	tens	ones
	___	___
+	___	___
	___	___



	tens	ones
	___	___
+	___	___
	___	___

Add. The first one is done for you.

35 + 20

  35
+ 20
  55

35 + 20 = 55

29 + 10

+

___ + ___ = ___

16 + 50

+

___ + ___ = ___

53 + 20

+

___ + ___ = ___

31 + 40

+

___ + ___ = ___

25 + 70

+

___ + ___ = ___

57 + 20

+

___ + ___ = ___

12 + 80

+

___ + ___ = ___

8 + 90

+

___ + ___ = ___

19 + 60

+

___ + ___ = ___

62 + 10

+

___ + ___ = ___

53 + 30

+

___ + ___ = ___

Add.

22 + 50 = ______	37 + 20 = ______	65 + 30 = ______
46 + 40 = ______	8 + 60 = ______	14 + 80 = ______
53 + 30 = ______	27 + 20 = ______	39 + 40 = ______
31 + 10 = ______	19 + 70 = ______	8 + 90 = ______
14 + 60 = ______	62 + 20 = ______	48 + 30 = ______

Add.

26 + 30 = ____	48 + 20 = ____	55 + 40 = ____	76 + 10 = ____	35 + 50 = ____
17 + 60 = ____	32 + 50 = ____	68 + 10 = ____	5 + 90 = ____	61 + 30 = ____
11 + 80 = ____	39 + 60 = ____	25 + 40 = ____	13 + 70 = ____	17 + 50 = ____
6 + 80 = ____	24 + 50 = ____	3 + 10 = ____	42 + 20 = ____	59 + 40 = ____

Match.

14	72	52	77	87	94
+ 20	− 20	+ 20	− 60	+ 10	− 30
___	___	___	___	___	___

17	34	52	72	64	97

Choose the correct answer.

52 + 30 = ______ 72 or 82	76 – 20 = ______ 56 or 96
17 + 10 = ______ 27 or 7	85 – 50 = ______ 25 or 35
45 + 20 = ______ 25 or 65	72 – 10 = ______ 82 or 62
33 + 40 = ______ 63 or 73	94 – 60 = ______ 34 or 24
20 + 58 = ______ 78 or 88	18 – 10 = ______ 8 or 28
24 + ______ = 94 70 or 80	56 – ______ = 26 20 or 30
______ + 13 = 63 70 or 50	______ – 40 = 38 78 or 18

Write (✓) to the correct statement and (✗) to the incorrect statement.

32 + 20 = 52	( )	62 – 30 = 32	( )
49 + 10 = 39	( )	74 – 40 = 44	( )
26 + 60 = 86	( )	18 – 10 = 28	( )
55 + 30 = 25	( )	85 – 50 = 35	( )
40 + 27 = 67	( )	91 – 10 = 71	( )

Find the answer, then write "> , < or =".

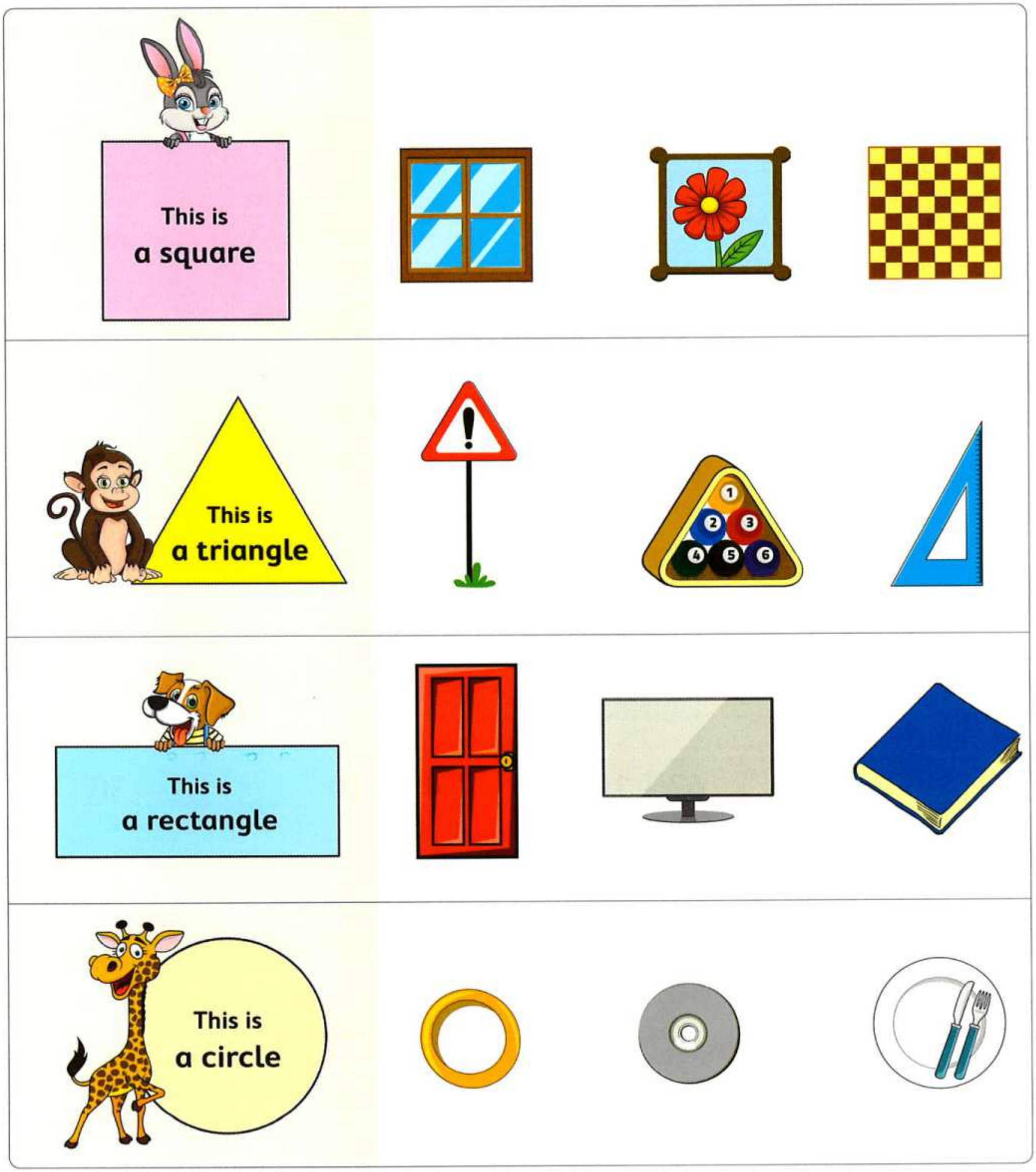
26 + 20	◯	87 – 40	91 – 70	◯	12 + 10
35 + 30	◯	75 – 10	88 – 50	◯	28 + 20
20 + 56	◯	67 + 10	42 – 20	◯	51 – 30
69 – 20	◯	20 + 29	83 – 50	◯	15 + 20
92 – 60	◯	33 + 30	14 + 10	◯	55 – 30

Place a smiley face

Lessons 91 to 95 (B)

Two-dimensional shapes (2D shapes)

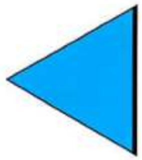
Two-dimensional shapes (2D shapes) in our life



Notes for parents

• Help your child find triangular, squared, rectangular, circular objects around home.

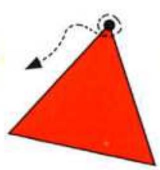
Identifying sides



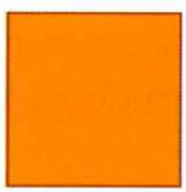
• Triangle has 3 sides.

Identifying corners

Each two sides meet at a corner.

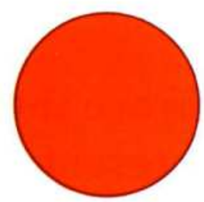


• Triangle has 3 corners.



Square has 4 corners and 4 sides equal in length.

Rectangle has 4 corners and 4 sides each two opposite sides are equal in length.



Circle has no corners or sides. It is made of one curved line.

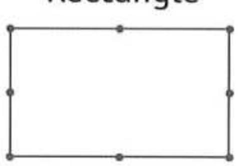
Draw shapes

I connected the dots and drew a triangle.

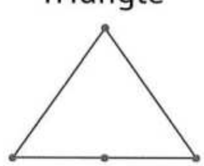
Connect dots to draw shapes.

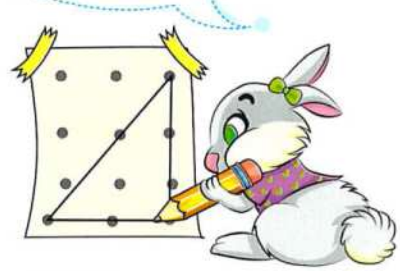
Square

Rectangle



Triangle





• On a paper draw triangle, square, rectangle and circle. Ask your child place a rope along the circle and straws along the sides of the rest shapes.

Exercise 16

Two-dimensional shapes (2D shapes)

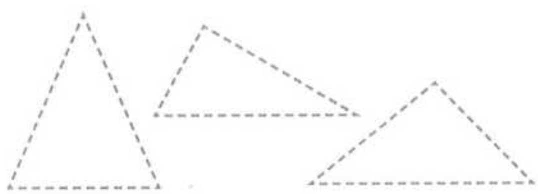
On Lessons **91 to 95 (B)**

Trace the triangles to make tents.

Trace

Triangle

Trace all the triangles

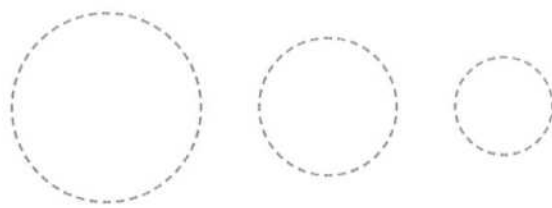


Trace the circles to make the car's wheels.

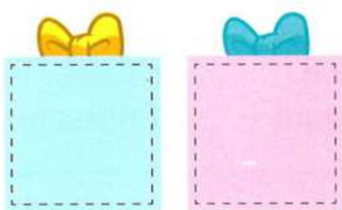
Trace

Circle

Trace all the circles



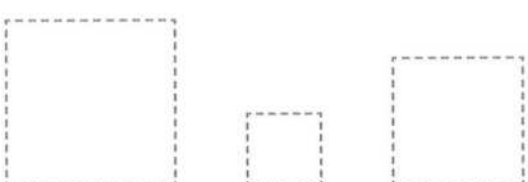
Trace the squares to make presents.



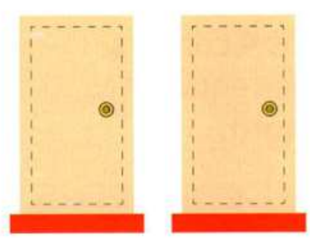
Trace

Square

Trace all the squares



Trace the rectangles to make doors.



Trace

Rectangle

Trace all the rectangles

Color the picture. Then choose the correct answer.

How many squares ?

(1 or 2 or 3)

How many triangles ?

(1 or 2 or 3)

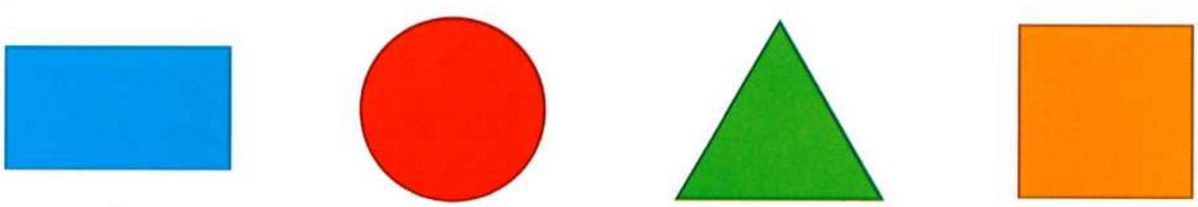
How many rectangles ?

(2 or 3 or 4)

How many circles ?

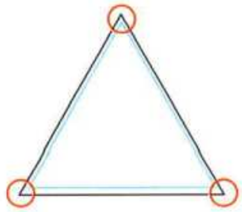
(2 or 3 or 4)

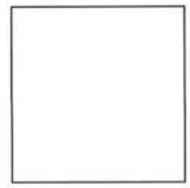
Match.



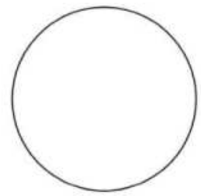
Circle | Rectangle | Triangle | Square

Use [blue crayon] to trace each side. Write how many sides in each shape.
Use [red crayon] to circle each corner. Write how many corners in each shape.

3 sides  3 corners

____ sides  ____ corners

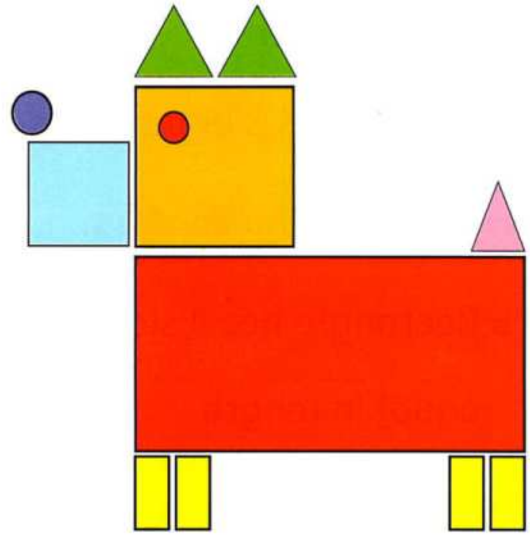
____ sides ____ corners

____ sides  ____ corners

Use the dots to draw.

- Draw a square.
- Draw a different square.
- Draw a rectangle.
- Draw a different rectangle.
- Draw a triangle.
- Draw a different triangle.

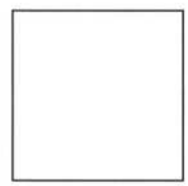
Look and count.



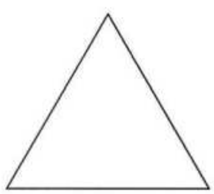
- How many squares ? ______
- How many triangles ? ______
- How many circles ? ______
- How many rectangles ? ______

Complete each of the following.

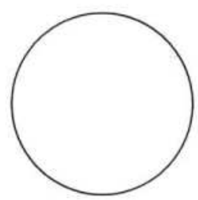
- Number of sides is ______
- Number of corners is ______



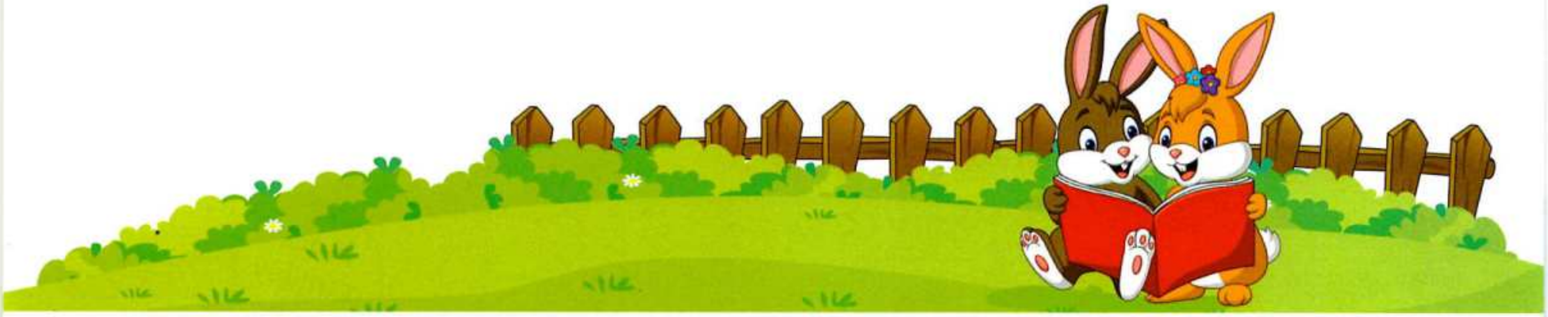
- Number of sides is ______
- Number of corners is ______



- Number of sides is ______
- Number of corners is ______



- Number of sides is ______
- Number of corners is ______



Write (✓) to the correct statement and (✗) to the incorrect statement.

- Square has 3 equal sides in length. ( )
- Circle has no corners. ( )
- Rectangle has 4 sides each two opposite sides are equal in length. ( )
- Square has 4 corners. ( )
- Triangle has 3 sides and 3 corners. ( )
- Rectangles and squares have the same number of sides and corners. ( )

Choose the correct answer.

- The shape which represents square is ______ (▭ or △ or □)
- Triangle has ______ corners. (3 or 4 or 0)
- ______ has 4 sides. (Circle or Rectangle or Triangle)
- The number of sides of a circle ◯ the number of sides of a triangle (> or < or =)
- Each two sides meet at a ______ (side or corner or circle)
- ______ has 4 equal sides. (Circle or Rectangle or Square)
- The number of corners of a triangle ◯ the number of sides of a triangle (> or < or =)

Place a smiley face

Lessons
91 to 95
C

Three-dimensional shapes (3D shapes or solids)

Three-dimensional shapes(3D shapes or solids) in our life

Cube

Rectangular prism (Cuboid)

Cone

Square-based pyramid

Cylinder

Sphere

Hint for parents :

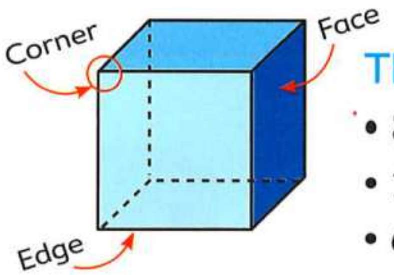
Identify more examples of three-dimensional shapes in our life.

Notes for parents

- Ask your child to find more examples for solids (3D shapes) in home or in life.

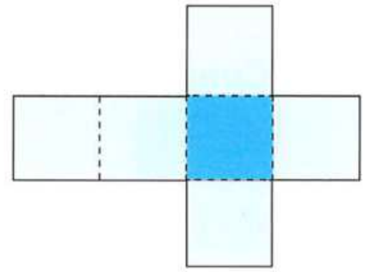
Describing solids

Cube



The cube has :

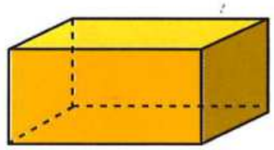
- 8 corners.
- 12 edges.
- 6 flat faces.



- Each face is a square.
- All faces have the same size.

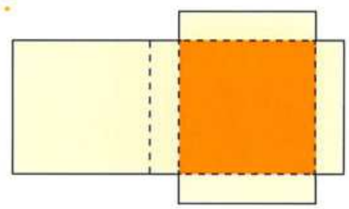
Net of solid

Rectangular prism (Cuboid)



The rectangular prism has :

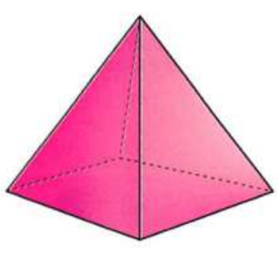
- 8 corners.
- 12 edges.
- 6 flat faces.



- Each face is a rectangle or a square.
- Each two opposite faces have the same size.

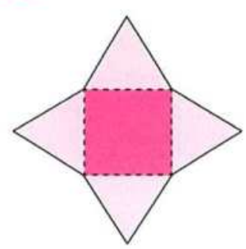
Net of solid

Square-based pyramid



The square-based pyramid has :

- 4 corners.
- a pointy top.
- 8 edges.
- 1 square flat face (base).
- 4 triangular flat faces.



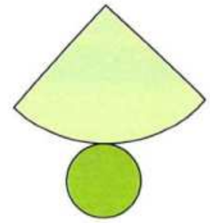
Net of solid

Notes for parents

- Find objects like the solids in this page. Ask your child to count the faces, edges and corners of each one.
- Help your child fold the net of solids with this book to form 3D shapes.

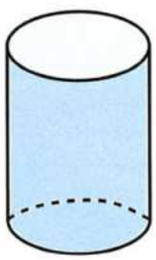
Cone

The cone has :
- No corners.
- a pointy top.
- No edges.
- 1 circular flat face (base).
- 1 curved face.

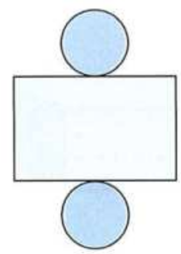


Net of solid

Cylinder



The cylinder has :
- No corners.
- No edges.
- 2 circular flat faces (bases).
- 1 curved face.



Net of solid

Sphere

The sphere has :
- No corners.
- No edges.
- 1 curved face.

Plane shapes on solids

Each 3D shape is made up of 2D shapes.

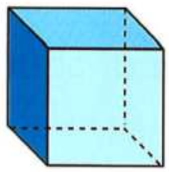
• Gather some objects that are solids, such as a box ans a can.Have your child place each one on a sheet of paper, trace the face and name the shape he/she drew..

Exercise 17

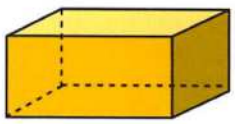
Three-dimensional shapes (3D shapes or solids)

On Lessons **91** to **95** (C)

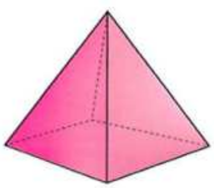
Trace and write the name of each solid.



Cube

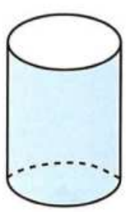


Rectangular prism Cuboid



Square-based pyramid

Cone



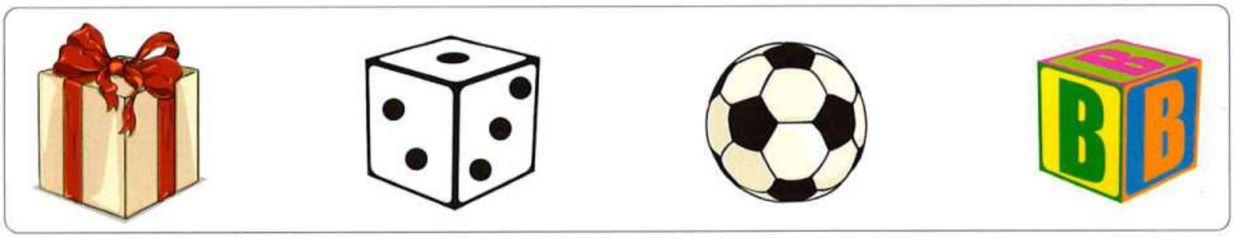
Cylinder

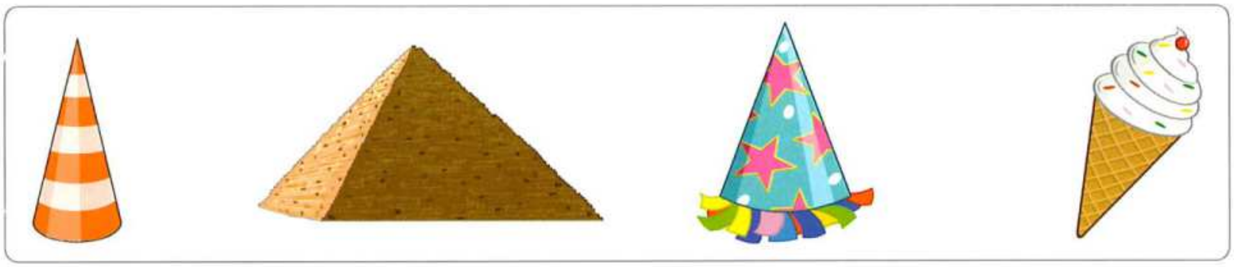
Sphere

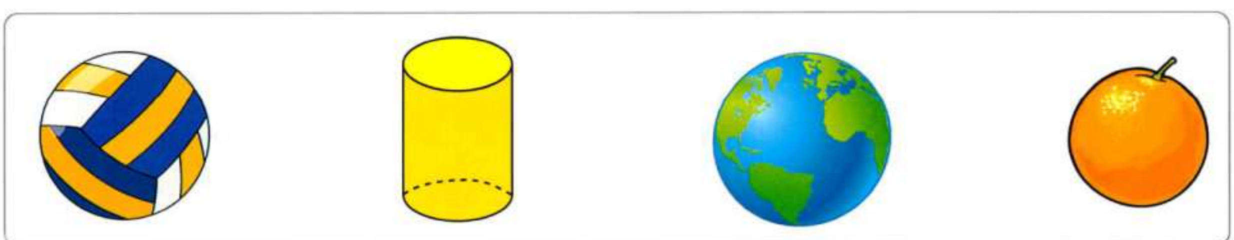
Hint for parents :

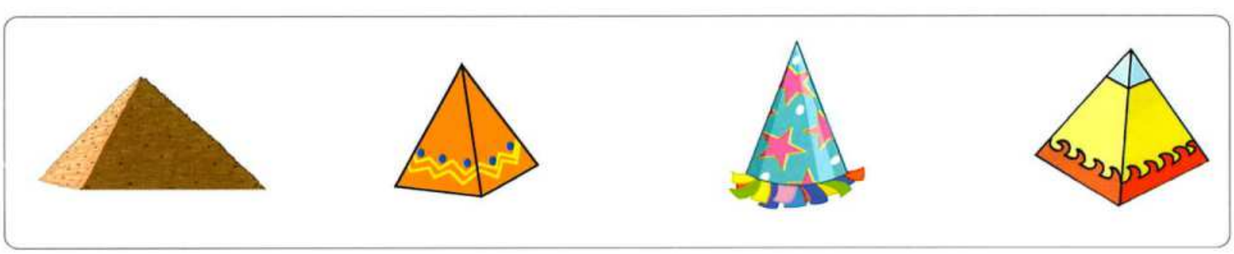
Your child should understand the difference between cubes and rectangular prisms as they understand the difference between squares and rectangles.

Cross out the item that does not belong in each row.



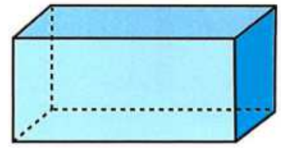


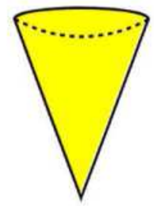


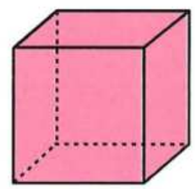


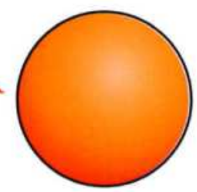
Join each shape with its name.

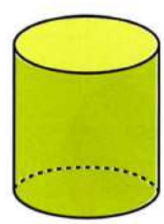
The first one is done for you.

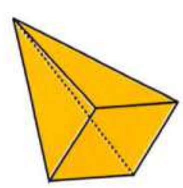
Cone 

Sphere 

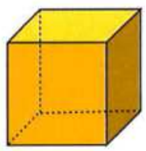
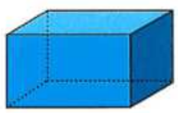
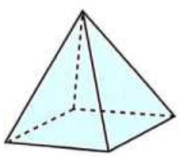
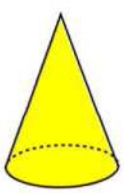
Cuboid 

Cylinder 

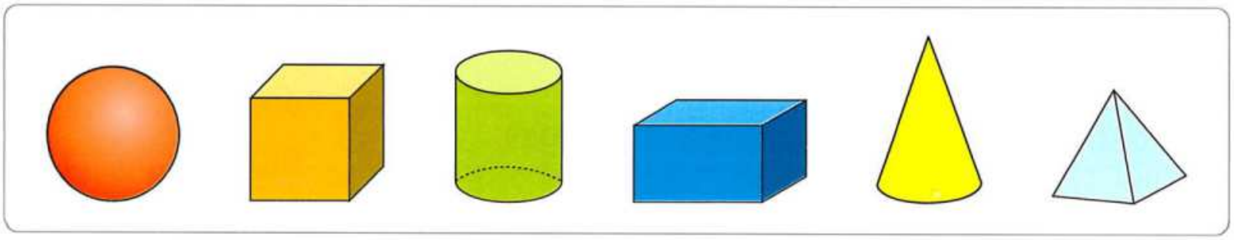
Pyramid 

Cube 

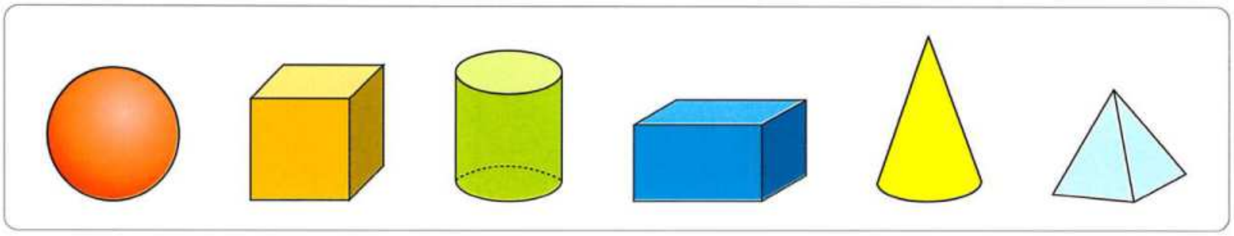
Name each solid and write the missing numbers.

Solid	Name	Corners	Edges	Flat faces	Curved face	Has a pointy top ?
	Cube	8	12	6	0	No
				6		
						Yes
			0			
					1	
		0				

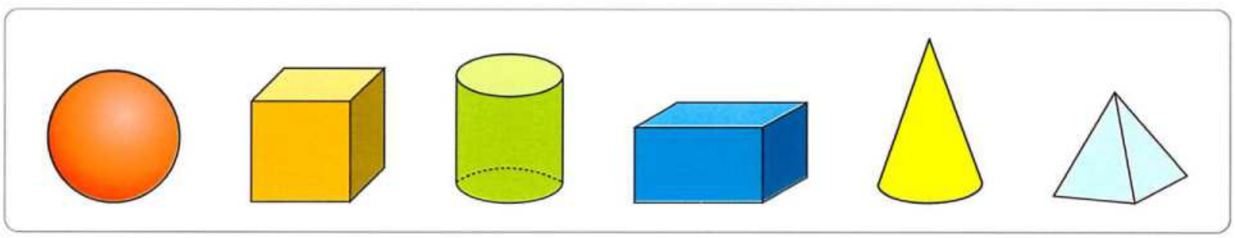
Circle each solid with only a curved face.



Circle each solid with only flat faces.



Circle each solid with both curved and flat faces.

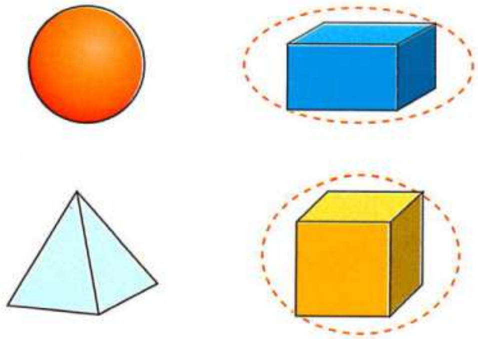


Write "> , < or =".

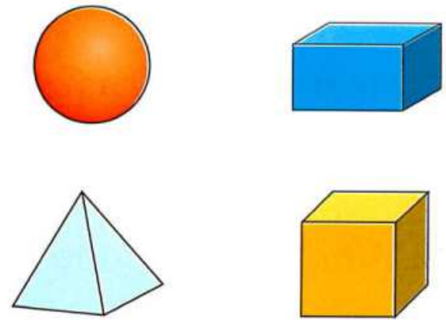
- The number of edges of a cube ☐ the number of edges of a cuboid
- The number of corners of a cuboid ☐ the number of corners of a cylinder
- The number of faces of a cube ☐ the number of faces of a cone
- The number of corners of a sphere ☐ the number of flat faces of a cylinder
- The number of edges of a cone ☐ the number of corners of a cuboid

Use solids.
Circle the pictures that match the sentences.

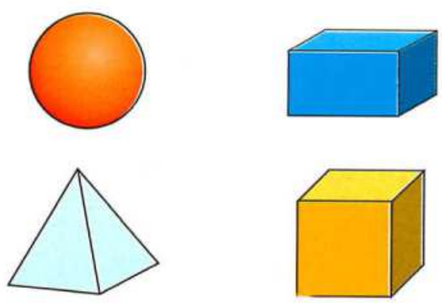
These solids have 6 faces.



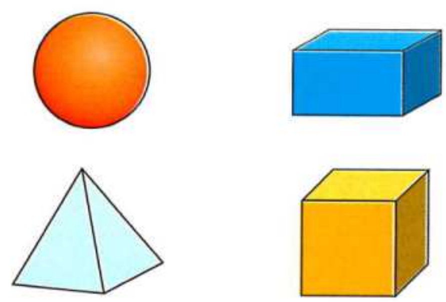
This solid has 5 corners.



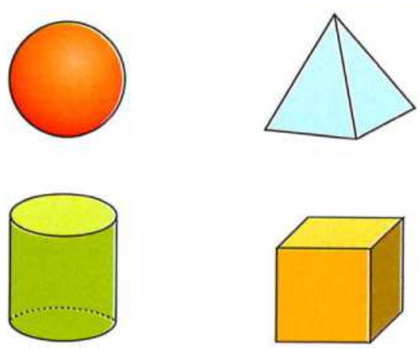
These solids have 8 corners.



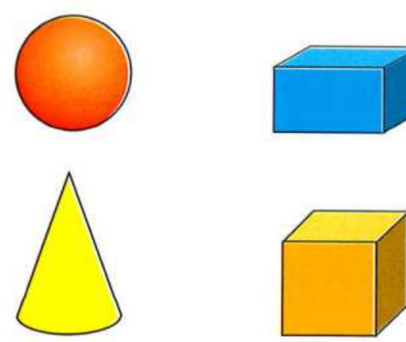
This solid has no flat faces.



These solids has no corners.



This solid has 1 flat face.



Problem Solving

Logical Reasoning

Draw the solid that solves the riddle.
I am curved.
I am shaped like a beach ball.

Circle the correct one.

- How many faces of a cube?

  4 | 6 | 8

- How many corners of a rectangular prism?

  12 | 6 | 8

- What is the shape of the base of a cone?

  square | triangle | circle

- What is the shape of each face of a cube?

  rectangle | square | triangle

- How many circular bases of a cylinder?

  1 | 2 | 3

- How many corners of a sphere?

  0 | 1 | 2

- Which solid has 1 circular base?

  cylinder | sphere | cone

- Which solid has 12 edges?

  cone | cube | cylinder

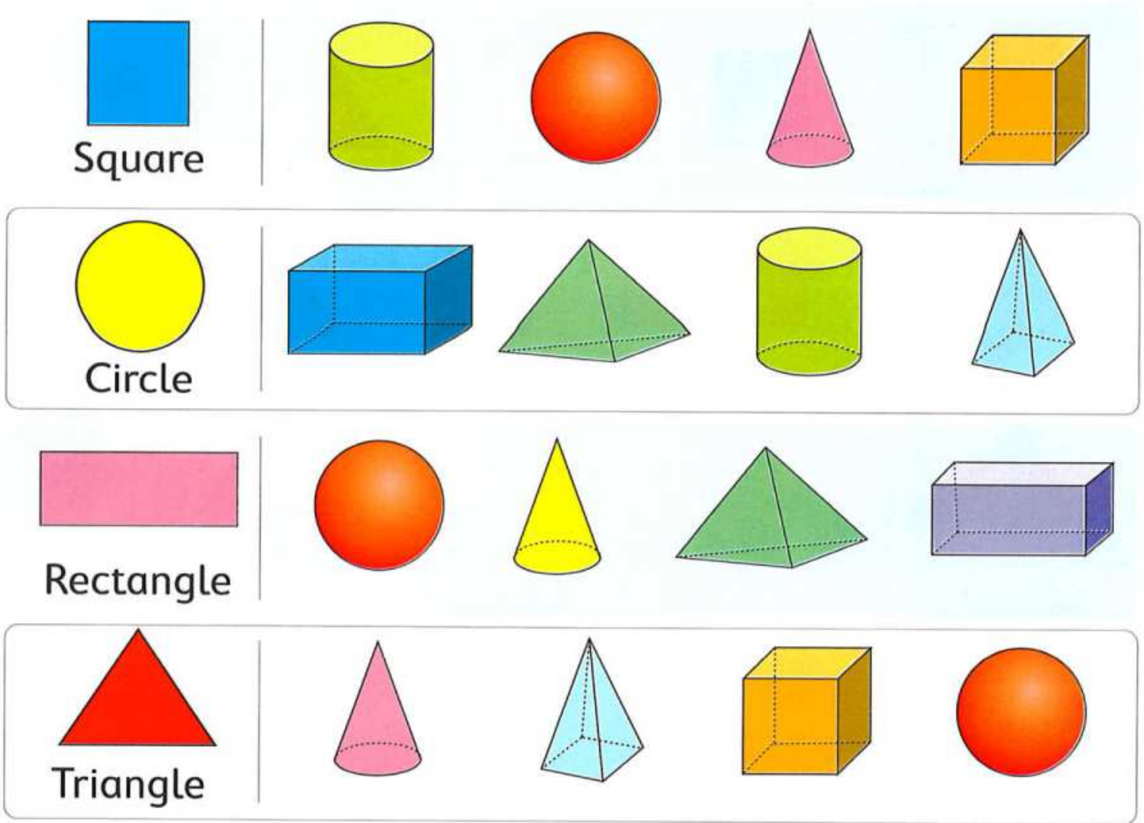
- How many curved face of a cone?

  0 | 1 | 2

- How many trianglular flat faces of a square-based pyramid?

  2 | 4 | 6

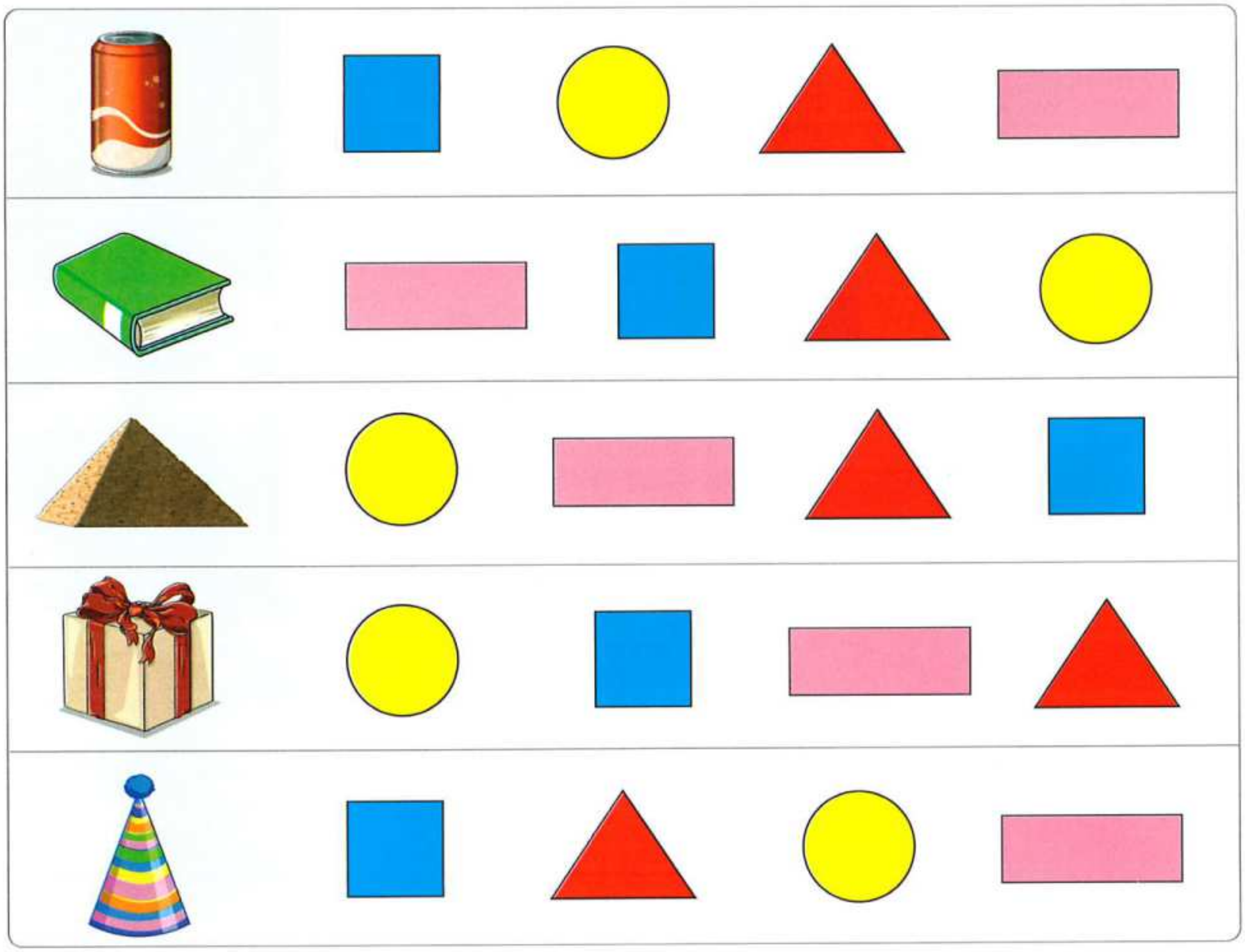
Circle the solid in which you can see the given shape.



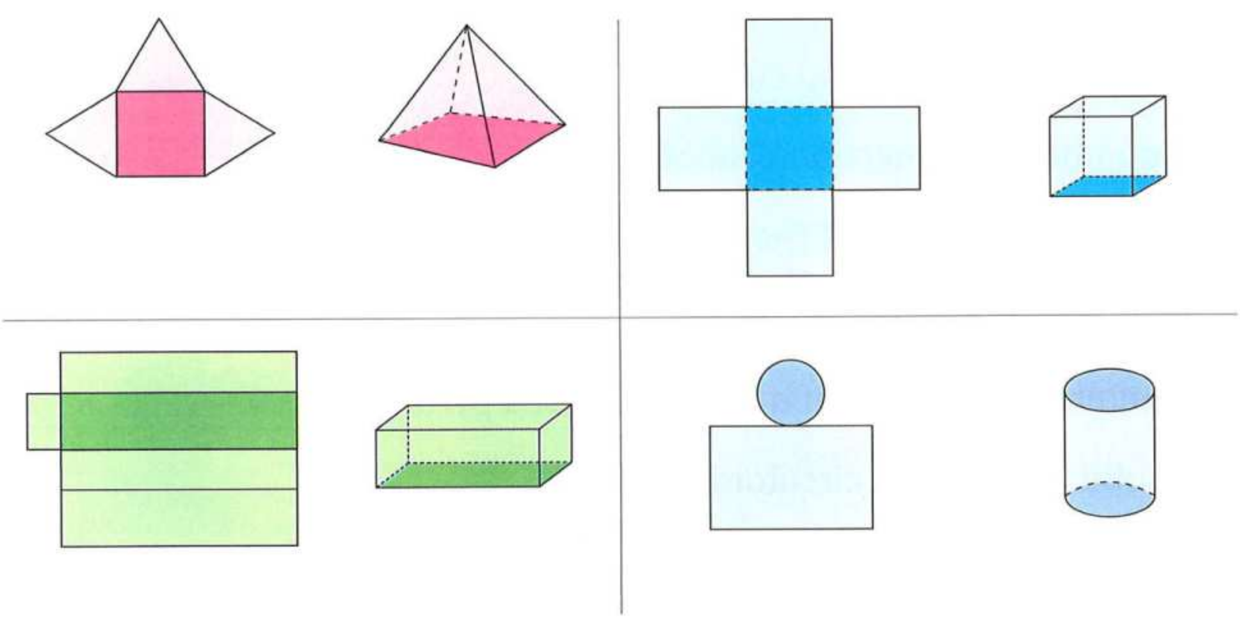
Complete.

- The base of the cone is in the shape of a ____________
- The number of corners of a cylinder is ____________
- The number of edges of a cube is ____________
- The number of corners of a cuboid is ____________
- Each face of the faces of the cube is a ____________
- The number of faces of a cuboid is ____________
- The number of corners of a squared-based pyramid is ____________
- The solid which has 2 circular bases is ____________
- The number of edges of a sphere is ____________
- The base of the of squared-based pyramid is in the shape of a ____________
- The solids which have 1 curved face are ____________ and ____________

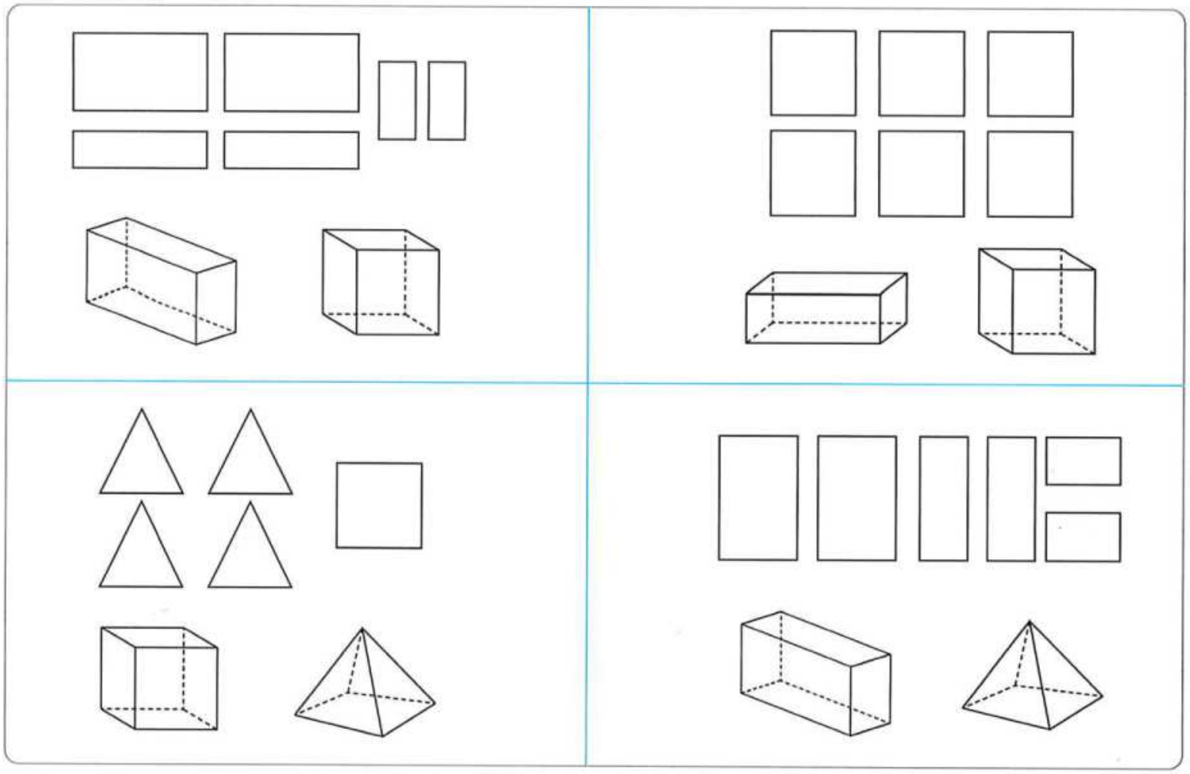
Circle the shape that matches the drawn face.



Draw the missing face in the pattern of each solid.



Look at the faces on the solid figure.
Circle the solid you can use to trace the faces.



Write (✓) to the correct statement and (✗) to the incorrect statement.

- Cube has 12 edges. ( )
- Cylinder has 1 circuler flat face. ( )
- Square-based pyramid has 6 corners. ( )
- Cuboid has 8 corners. ( )
- The base of a cone is in the shape of a square. ( )
- In the rectangular prism, each two opposite faces have the same size. ( )
- The number of edges of a cube is equal to the number of edges of a square-based pyramid. ( )
- The number of corners of a cuboid is greater than the number of corners of a cube. ( )

Place a smiley face

Lessons 96 & 97

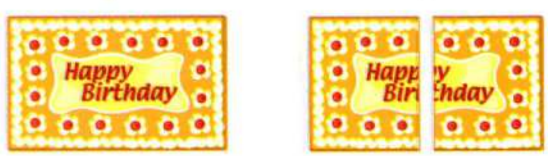
• Half
• Quarter (one fourth)

The half

One whole can be divided into **two equal parts** have the same shape and size, each part is called **half.**

One whole

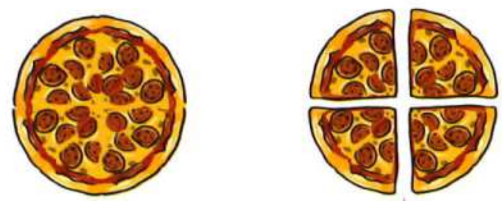
2 equal parts
Each part is a half



One whole = 2 halves

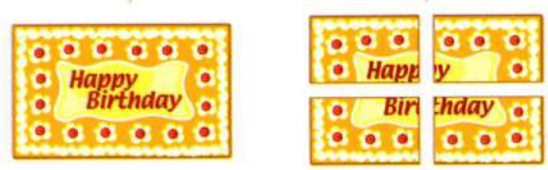
The quarter (one fourth)

One whole can be divided into **four equal parts** have the same shape and size, each part called **quarter (one fourth).**



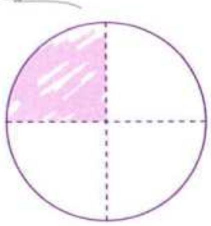
One whole

4 equal parts
Each part is a quarter (one fourth)

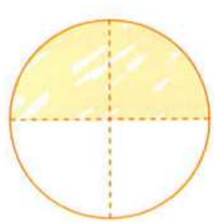


One whole = 4 quarters

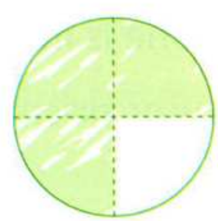
Note



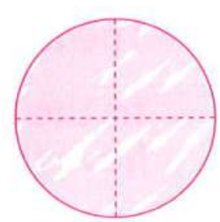
One fourth



Two fourths = one half



Three fourths



Four fourths = one whole

Notes for parents

- Invite your child to divide an apple into 2 equal parts and name each part as a half.
- Invite your child to divide a bread into 4 equal parts and name each part as one fourth.
- Confirm that one fourth means one quarter.

Exercise 18

- **Half**
- **Quarter (one fourth)**

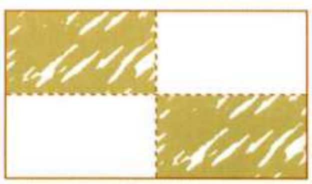
On Lessons 96 & 97

Trace.

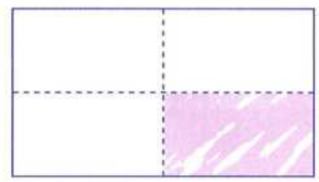
Half Half Half

Quarter Quarter

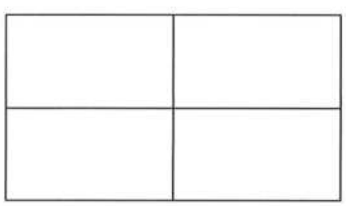
Match the name of the colored part.



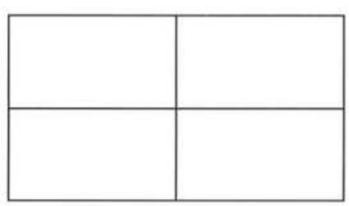
- One whole
- One fourth
- Two fourths
- Three fourths



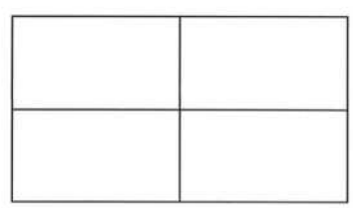
Color the parts of the rectangle according to the required.



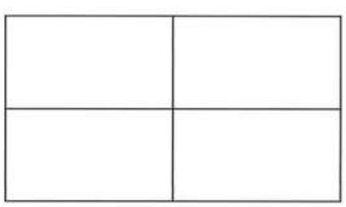
One half



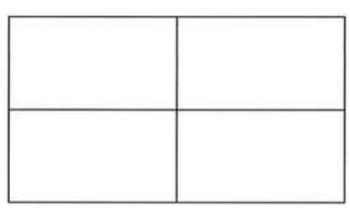
One fourth



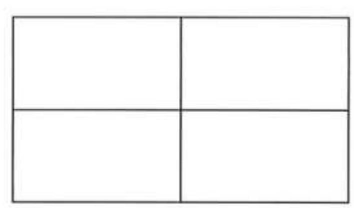
Two fourths



Three fourths

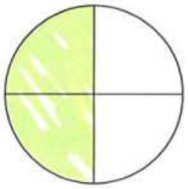
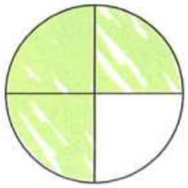
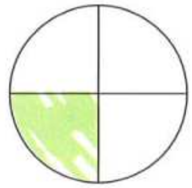
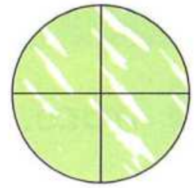


Four fourths



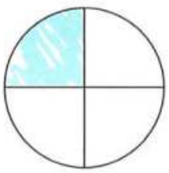
One whole

Join according to the colored part.

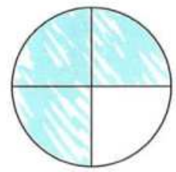
One whole | Quarter | Half | Three quarters

Circle according to the colored part.



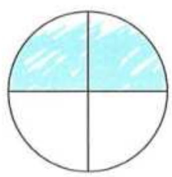
Half Quarter

Half Quarter



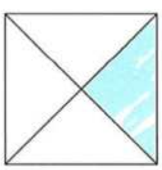
Quarter Three fourths

Half Quarter



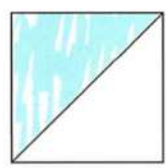
Half Quarter

One whole Quarter

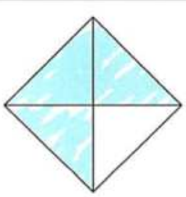


Half Quarter

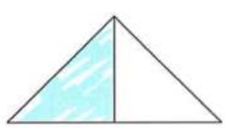
Three fourths Quarter



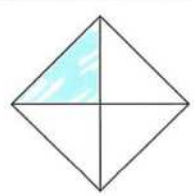
Half Quarter



Three fourths Quarter

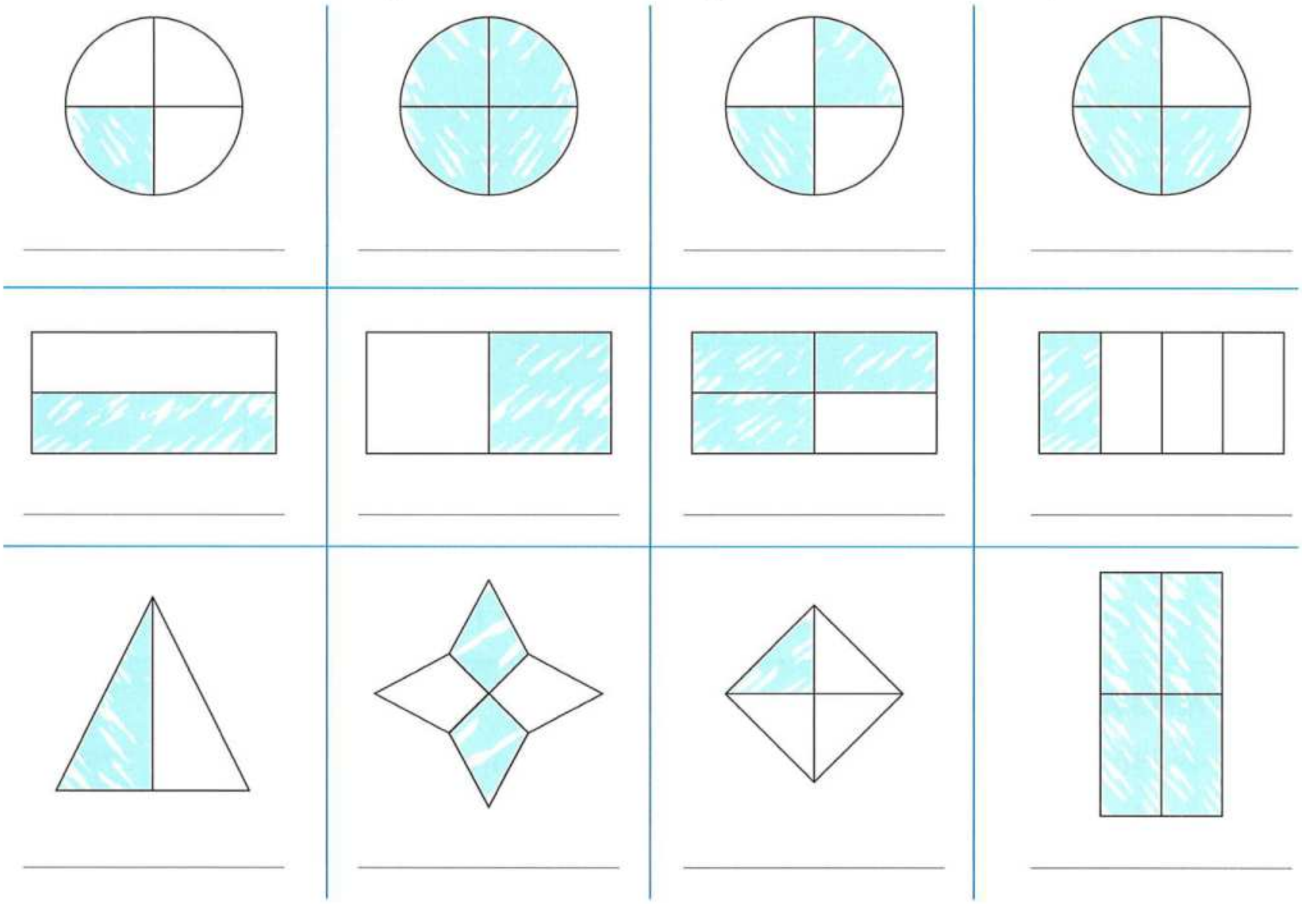


Half Quarter

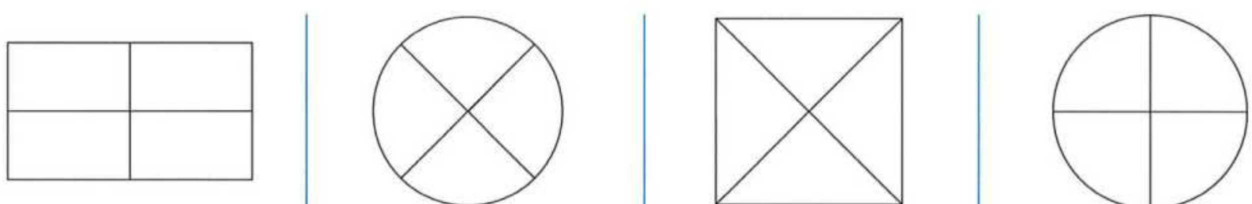


Half Quarter

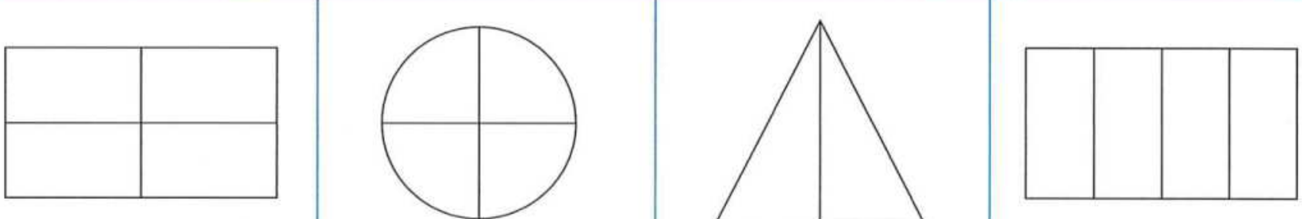
Write the words "Half - Quarter - Three quarters - One whole" in the correct places according to the colored parts.



Color according to the required.

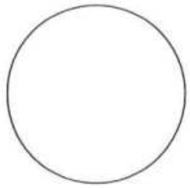
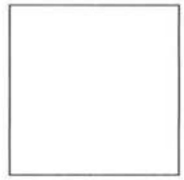
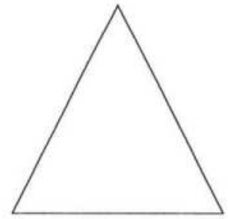
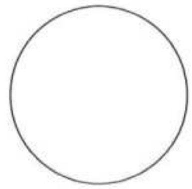
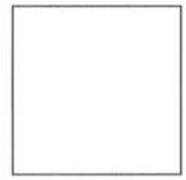


One half	One fourth	Two fourths	Three fourths



Four fourths	One whole	One half	Three fourths

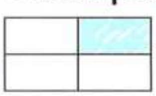
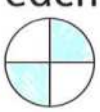
Divide the following shapes according to the required and color it.

			
Half	Quarter	Three quarters	Half
			
Two fourths	Three fourths	One half	One fourth

Answer the following questions.

- How many quarters are in a whole one ? ____________
- How many halves are in a whole one ? ____________
- How many quarters are in a half ? ____________

Write (✓) to the correct statement and (✗) to the incorrect statement.

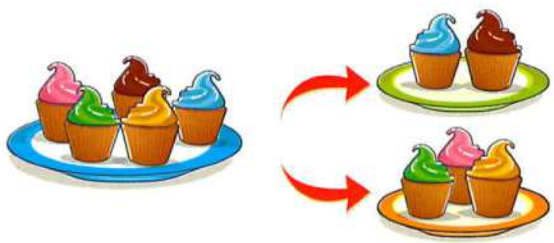
- When we divide one whole into 2 equal parts, each part is called a half. ( )
-  The colored part represents three quarters. ( )
- When we divide one whole into 3 equal parts, each part is called a quarter. ( )
-  The colored parts represent a half. ( )
- There are 2 quarters in one half. ( )
- There is 1 half in one whole. ( )
- The colored parts represent three halves. ( )
- There are 4 quarters in one whole. ( )

Place a smiley face

Lessons 98 to 100 Decomposing a number within 10 into two parts

Making number bonds

Put 5 cupcakes on two plates.



Whole 5 — part 2, part 3

2 and 3 make 5

2 + 3 = 5

This is a number bond.

- There are other ways to make 5.

Whole 5 — part 1, part 4

1 and 4 make 5

1 + 4 = 5

Whole 5 — part 5, part 0

5 and 0 make 5

5 + 0 = 5

Notes for parents

- Use small objects or items to reinforce the ways to make number 5.

Ways to make 2

$2 = 2 + 0$

$2 = 1 + 1$

$2 = 0 + 2$

Ways to make 3

$3 = 3 + 0$

$3 = 2 + 1$

$3 = 1 + 2$

$3 = 0 + 3$

Ways to make 4

$4 = 4 + 0$

$4 = 3 + 1$

$4 = 2 + 2$

$4 = 1 + 3$

$4 = 0 + 4$

Notes for parents

- Draw one item and let your child complete drawing to make 2, count the drawn item. Do the same with number 3, number 4.

Ways to make 5

5 = 5 + 0

5 = 4 + 1

5 = 3 + 2

5 = 2 + 3

5 = 1 + 4

5 = 0 + 5

Ways to make 6

6 = 6 + 0

6 = 5 + 1

6 = 4 + 2

6 = 3 + 3

6 = 2 + 4

6 = 1 + 5

6 = 0 + 6

- Bring 5 oranges or apples and show how to make number 5.
- Use dominoes to show your child ways to make number 6.

Exercise 19

Decomposing a number within 10 into two parts

On Lessons 98 to 100

Decompose the number 2 into two parts.

2 → ___ , ___ 2 → ___ , ___

___ + ___ = 2 ___ + ___ = 2

Decompose the number 3 into two parts.

___ → ___ , ___ ___ → ___ , ___

___ + ___ = 3 ___ + ___ = 3

Decompose the number 4 into two parts.

___ + ___ = 4 ___ + ___ = 4 ___ + ___ = 4

Decompose the number 5 into two parts.

___ + ___ = 5 ___ + ___ = 5 ___ + ___ = 5

Decompose the number 6 into two parts.

___ + ___ = 6 ___ + ___ = 6 ___ + ___ = 6

Use 🟢 and 🟠 to make 7. Color. Write the addition sentence.
The first one is done for you.

7 + 0 = 7

6 + 1 = 7

5 ⊕ 2 ⊜ 7

___ ◯ ___ ◯ ___

___ ◯ ___ ◯ ___

___ ◯ ___ ◯ ___

___ ◯ ___ ◯ ___

___ ◯ ___ ◯ ___

Find the ways to make 8. Complete the table.

There are many ways you can put 8 into 2 bags.

		In All
0	8	8
1	7	8
2		
3		
4		
5		
6		
7		
8		

- Write the addition sentence.

0 + 8 = 8

1 + 7 = 8

___ + ___ = ___

___ + ___ = ___

___ + ___ = ___

___ + ___ = ___

___ + ___ = ___

___ + ___ = ___

___ + ___ = ___

Find the ways to make 9.

How can you hold

9 into 2 ?

		In All
0	9	9
1	8	9

Find the ways to make 10.

How can you put

10 into 2 ?

		In All
0	10	10
1	9	10

Match the number bond to the total number.

3 and 1	0 and 7	4 and 2	6 and 2	5 and 4

9	4	6	7	8

Write (✓) to the correct statement and (✗) to the incorrect statement.

- 7 and 1 make 8 ( )
- 0 and 4 make 4 ( )
- 2 and 6 make 7 ( )
- 9 and 0 make 10 ( )
- 5 and 2 make 6 ( )
- 8 and 1 make 9 ( )
- 5 and 5 make 5 ( )
- 1 and 1 make 2 ( )

Choose the correct answer.

- 2 + ______ = 3 0 or 1
- 7 + ______ = 9 2 or 8
- 5 + 4 = ______ 1 or 9
- 0 + 4 = ______ 0 or 4
- 4 + 2 = ______ 6 or 8
- 8 + 0 = ______ 0 or 8
- ______ + 1 = 7 6 or 8
- ______ + 4 = 8 3 or 4

Complete.

2

2 + 0 = ____

1 + ____ = 2

____ + 2 = 2

---

3 + 0 = ____

2 + ____ = 3

1 + ____ = 3

0 + ____ = 3

3

4

4 + 0 = ____

2 + ____ = 4

1 + ____ = 4

3 + ____ = 4

____ + ____ = 4

---

5 + 0 = ____

____ + ____ = 5

1 + ____ = 5

____ + ____ = 5

____ + ____ = 5

____ + ____ = 5

5

6

6 + 0 = ____

____ + ____ = 6

1 + ____ = 6

____ + ____ = 6

____ + ____ = 6

2 + ____ = 6

____ + ____ = 6

7

- 7 + 0 = ___
- 1 + ___ = 7
- 2 + ___ = 7
- ___ + ___ = 7
- ___ + ___ = 7
- ___ + ___ = 7
- ___ + ___ = 7
- ___ + ___ = 7

8

- 8 + 0 = ___
- 7 + ___ = 8
- ___ + 2 = 8
- ___ + ___ = 8
- ___ + ___ = 8
- ___ + ___ = 8
- ___ + ___ = 8
- ___ + ___ = 8
- ___ + ___ = 8

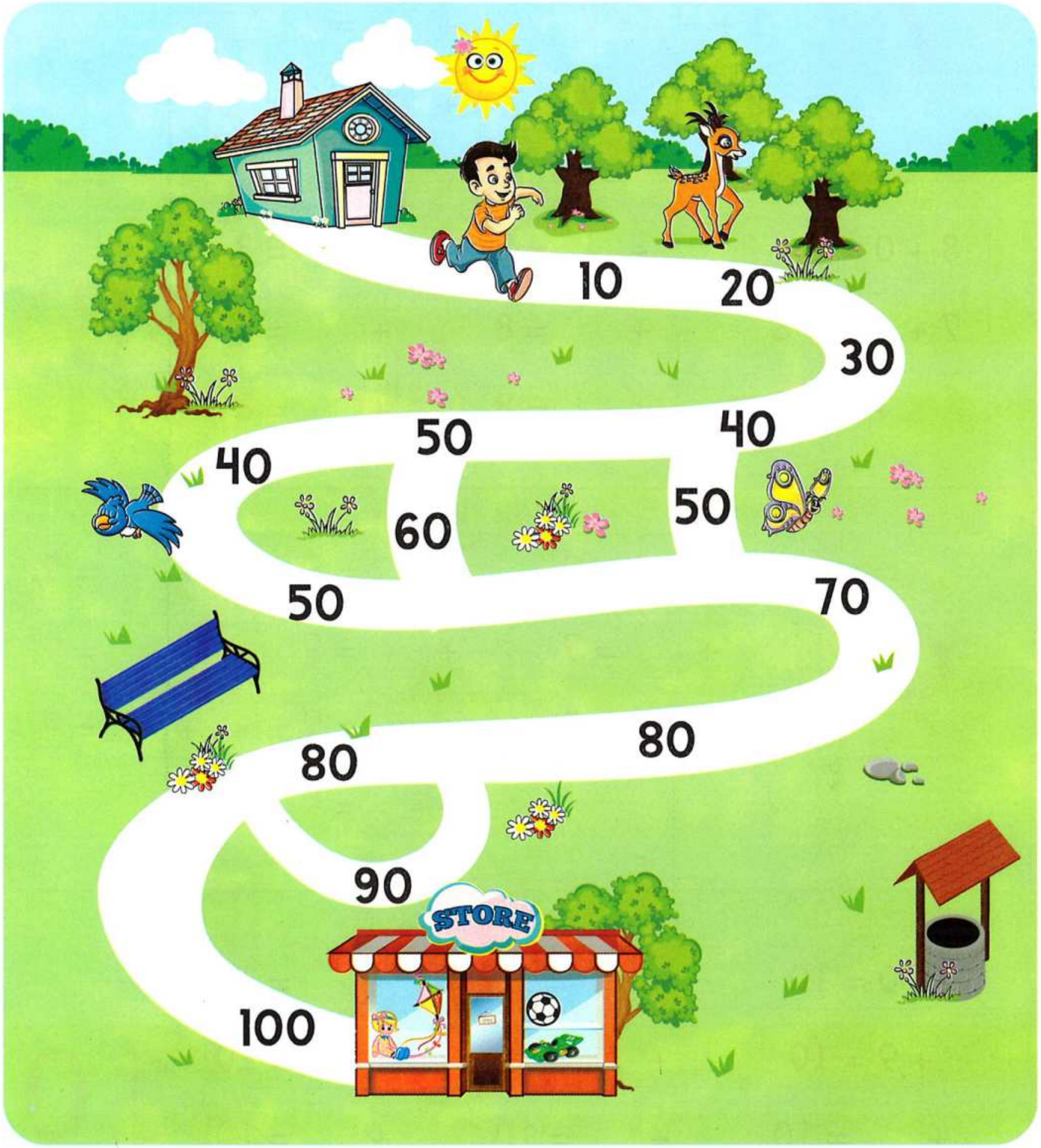
9

- ___ + ___ = 9
- ___ + ___ = 9
- ___ + ___ = 9
- ___ + ___ = 9
- ___ + ___ = 9
- ___ + ___ = 9
- ___ + ___ = 9
- ___ + ___ = 9
- ___ + ___ = 9
- ___ + ___ = 9

10

- ___ + 0 = 10
- ___ + 9 = 10
- ___ + ___ = 10
- ___ + ___ = 10
- ___ + ___ = 10
- ___ + ___ = 10
- ___ + ___ = 10
- ___ + ___ = 10
- ___ + ___ = 10
- ___ + ___ = 10
- ___ + ___ = 10

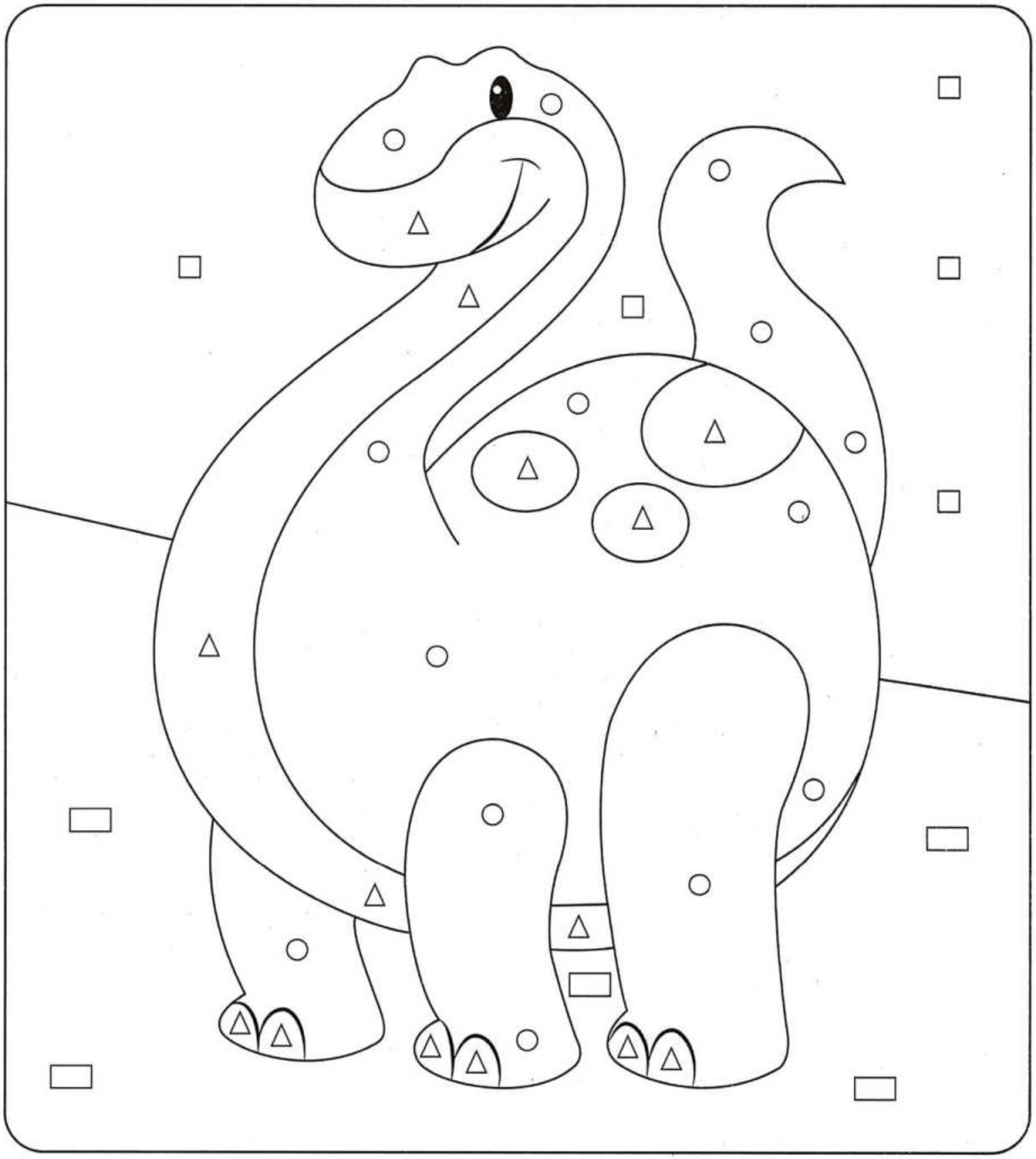
Count in order by tens to draw the path that the boy takes to the store.



Place a smiley face

Color the picture.

▭ brown	△ orange	○ green	□ blue



CHAPTER 5

• Outcomes and key vocabulary of chapter five :

Lessons 101 & 102

Outcomes :

- Identify the times they do daily activities.
- Write times to the hour using analog and digital clocks.
- Tell time to the hour using analog and digital clocks.
- Show time to the hour using analog and digital clocks.

Key vocabulary :

- Clock
- Hour hand
- Minute hand
- Hour
- Time
- Analog
- Digital
- O'clock

Lessons 103 & 104

Outcomes :

- Apply strategies to solve addition and subtraction problems.
- Apply understanding of number patterns to solve problems.

Key vocabulary :

- Addition
- Subtraction
- Counting on
- Mental math

Lessons 105 & 106

Outcomes :

- Identify 1 L.E., 5 L.E., 10 L.E., 20 L.E., 50 L.E. and 100 L.E. notes.
- Add and subtract units of money to 100 Egyptian pounds.

Key vocabulary :

- Add
- Subtract
- Mental math

Lessons 107 to 110

Outcomes :

- Apply strategies to add and subtract within 20.
- Compose and decompose 10.
- Find the number that makes 10 when added to a given number.
- Make 10 to solve addition problems.

Key vocabulary :

- Addition
- Counting on
- Making ten
- Mental math

Lessons
101 & 102 Telling time

Telling time

- When the minute hand points to 12, we say **o'clock**.
- The hour hand is pointing to 8, it is **8 o'clock**.
- Every hour, the minute hand moves at a medium speed around the clock from 12 until it points to 12 again.
- The day is **24 hours**.
- If it is in the morning, we say that 8 **A.M.**
- If it is in the afternoon, we say that 8 **P.M.**

Example

Show "5 o'clock" in an analog clock and a digital clock.

Solution

Notes for parents

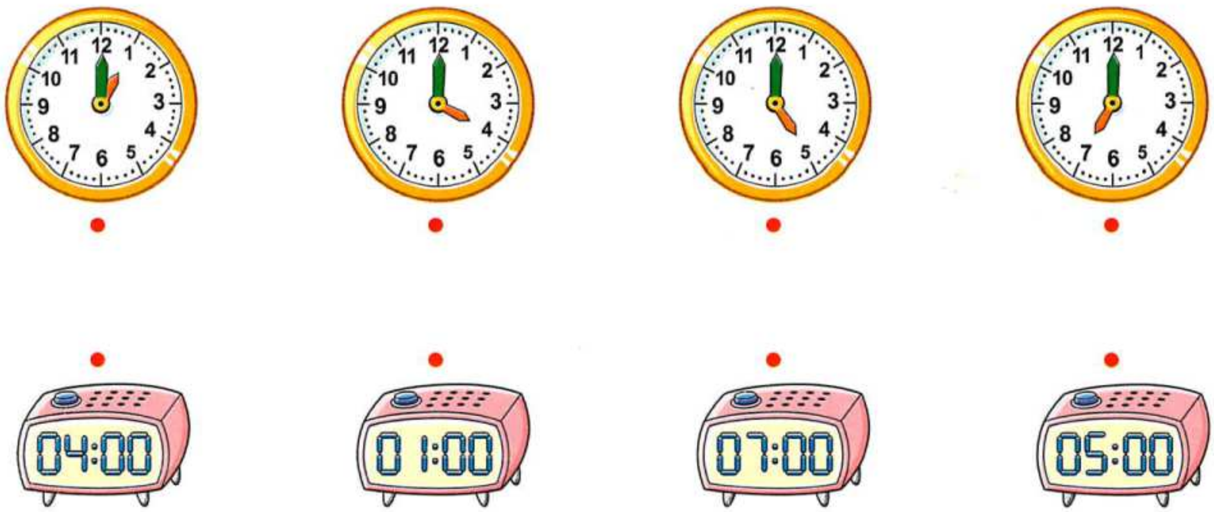
- Ask your child to read a clock, to the hour, several times through out the day.

Exercise 20

Telling time

On Lessons **101 & 102**

Join the clocks that show the same time.



Draw the hour hand on each clock face. Write the time on the digital clock.

2 o'clock

___ : 00

8 o'clock

___ : 00

6 o'clock

___ : 00

12 o'clock

___ : 00

11 o'clock

___ : 00

9 o'clock

___ : 00

3 o'clock

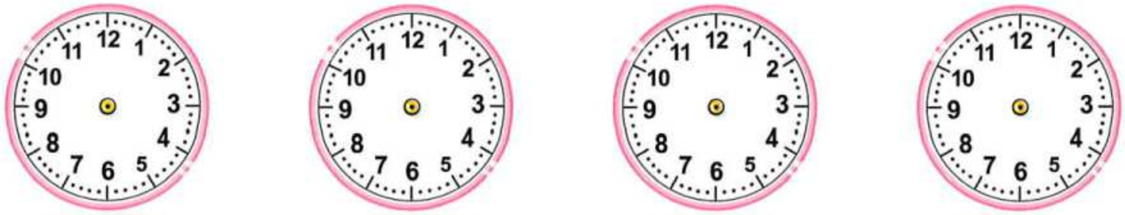
___ : 00

1 o'clock

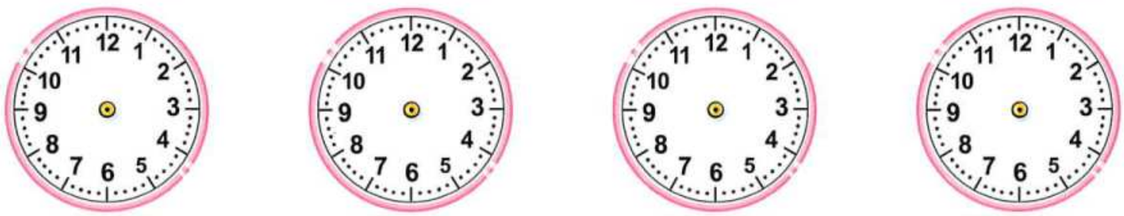
___ : 00

Draw the hands according to the time.

04:00	10:00	06:00	12:00



09:00	05:00	01:00	07:00



In each row. Write the number that tells the hour. Circle the two clocks that show the some time.

______ o'clock.	______ o'clock.	03 : 00 ______ o'clock.
______ o'clock.	09 : 00 ______ o'clock.	______ o'clock.
11 : 00 ______ o'clock.	______ o'clock.	10 : 00 ______ o'clock.
04 : 00 ______ o'clock.	01 : 00 ______ o'clock.	______ o'clock.

Match the same time.

07:00		It is **10** o'clock.
02:00		It is **7** o'clock.
08:00		It is **5** o'clock.
10:00		It is **8** o'clock.
06:00		It is **2** o'clock.
05:00		It is **6** o'clock.

Choose the correct answer.

- The analog clock which shows 7 o'clock is ....

(or)

- The digital clock which shows 5 o'clock is ....

(

or

)

- The analog clock shows ....

(3 o'clock or 12 o'clock)

-

The digital clock shows .... (5 o'clock or 4 o'clock)

- The day is .... hours. (24 or 42)

- When the hour hand points to 6 and the minute hand points to 12, it is .... o'clock. (6 or 12)

Write (✓) to the correct statement and (✗) to the incorrect statement.

- If it is 7 o'clock in the morning, we say that 7 A.M. ( )

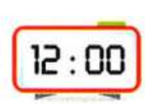
-

The digital clock shows the same as ( )

- We say 10 o'clock when the minute hand points at 10. ( )

- If it is 9 o'clock, then the hour hand points to 9. ( )

- If it is 8 P.M., that means we are in the afternoon. ( )

- The analog clock shows the same as 

( )

Tell the time that you do the following activities.

It is ______ o'clock.

It is ______ o'clock.

It is ______ o'clock.

It is ______ o'clock.

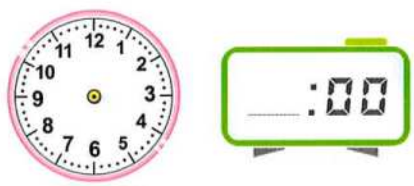
It is ______ o'clock.

It is ______ o'clock.

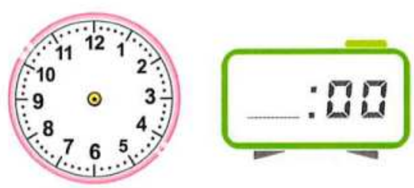
Make your own schedule.
The first one is done for you.

It is 7 o'clock.

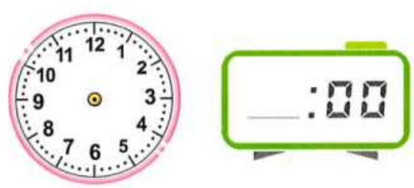
It is ______ o'clock.



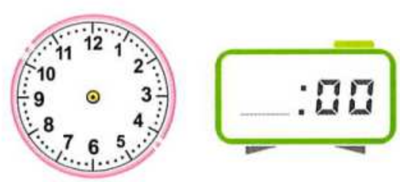
It is ______ o'clock.



It is ______ o'clock.



It is ______ o'clock.

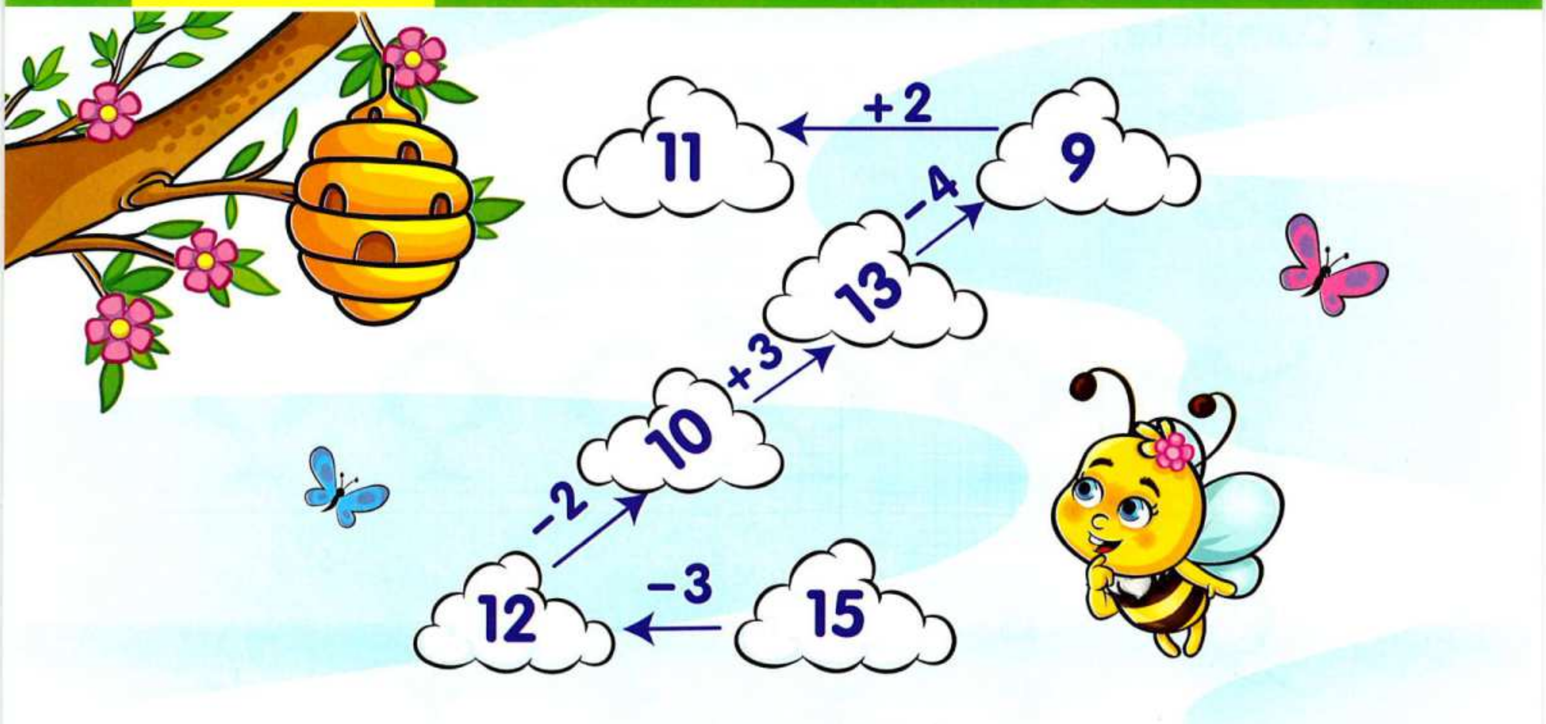


It is ______ o'clock.

Place a smiley face

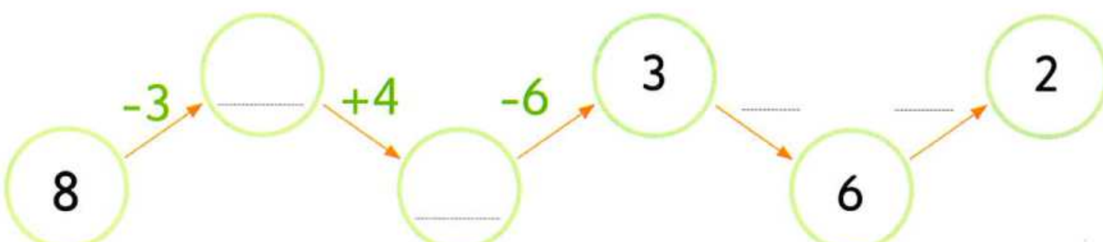
Lessons
103 & 104

Addition / subtraction games

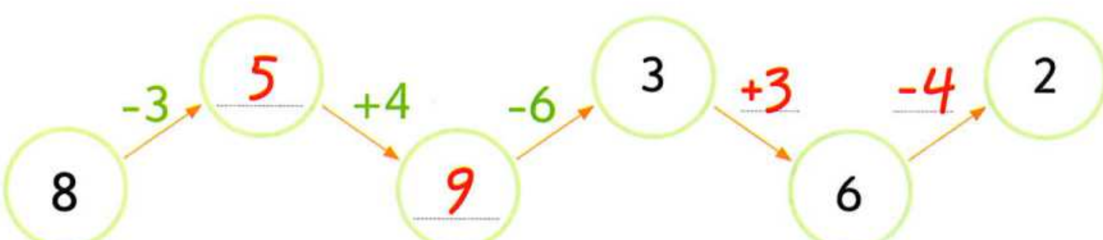


Example

Complete.



Solution



Notes for parents

- Give your child some addition and subtraction problems in a game supporting him/her to do them accurately and quickly.

Exercise 21

Addition / subtraction games

On Lessons 103 & 104

Complete.

8 → (+2) → 10 → (−3) → ...... → (+7) → ...... → (−5) → ......

6 → (+5) → ...... → (+3) → ...... → (−4) → ...... → (+6) → ......

15 → (−3) → ...... → (−4) → ...... → (+2) → ...... → (+5) → ......

3 → (+7) → ...... → (−2) → ...... → (−4) → ...... → (+5) → ......

4 → (+3) → ...... → (−1) → ...... → (+4) → ...... → (−2) → ......

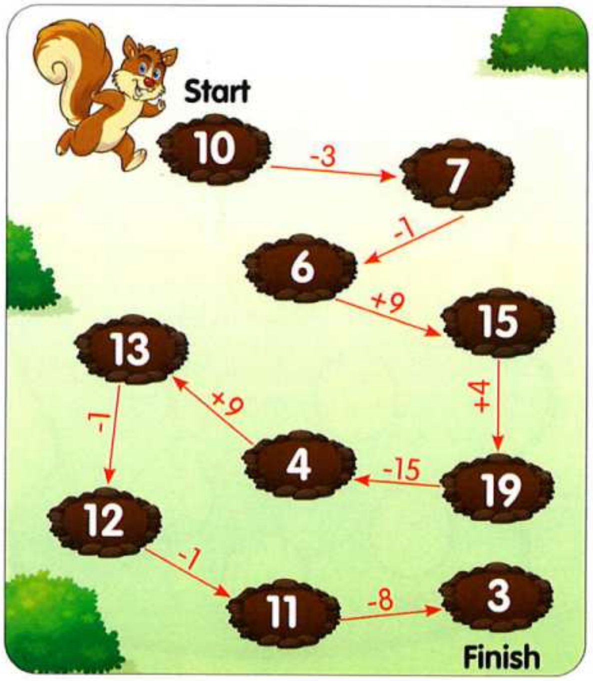
12 → (−2) → ...... → (+6) → ...... → (−4) → ...... → (+5) → ......

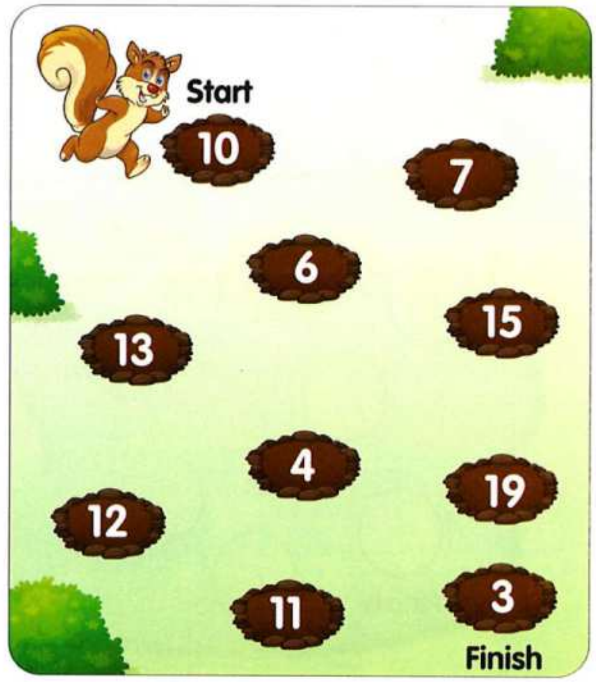
14 → (−1) → ...... → (−3) → ...... → (−2) → ...... → (+6) → ......

7 → (+5) → ...... → (−6) → ...... → (+9) → ...... → (−1) → ......

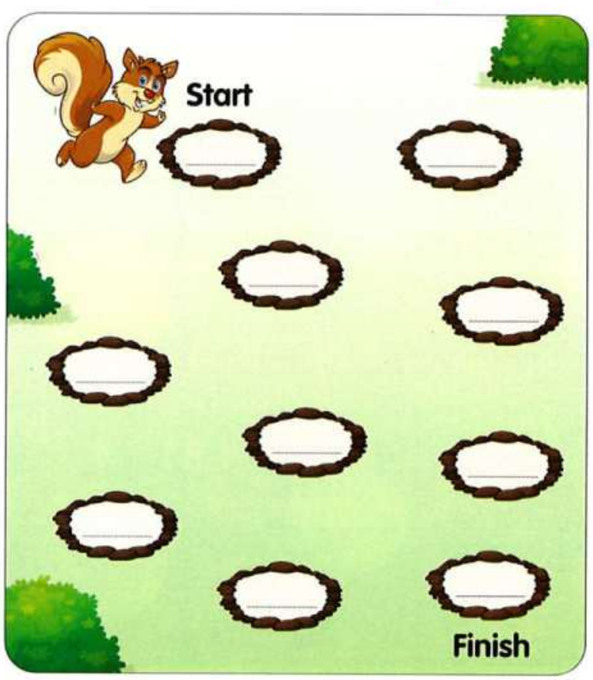
Help the squirrel to find new path between the holes using addition and subtraction as in the example.

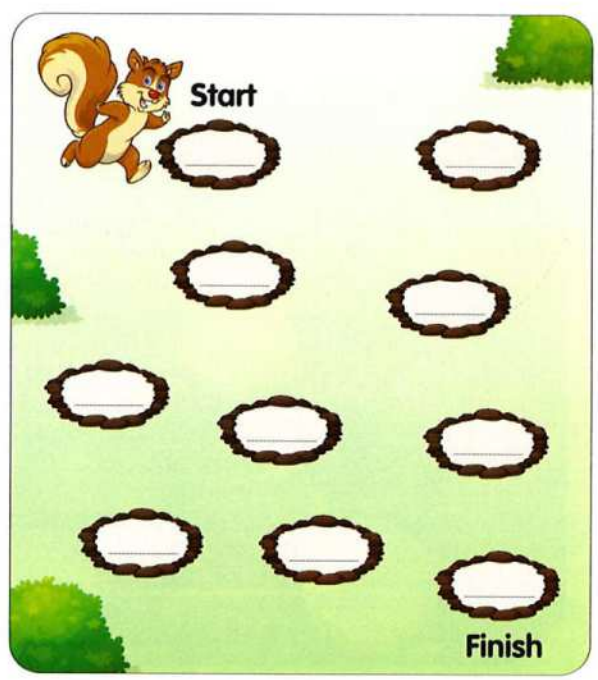
Example :



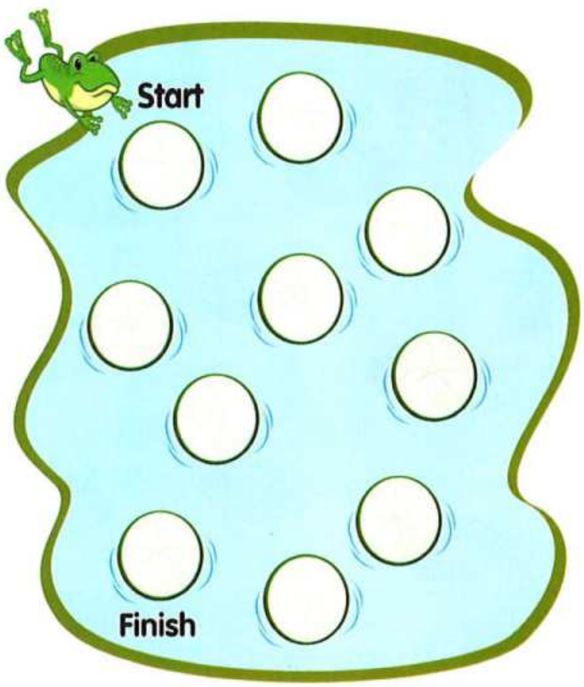


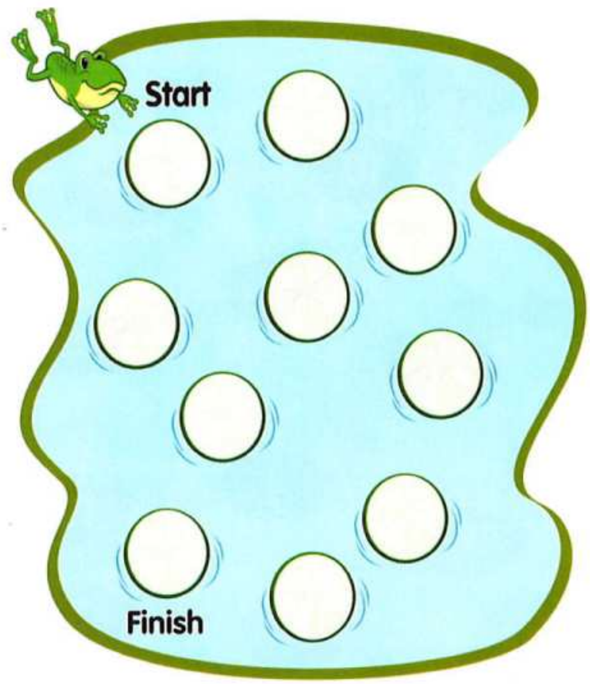
Put 10 numbers between 1 and 20 in each hole, then draw a path for the squirrel to visit all the holes.



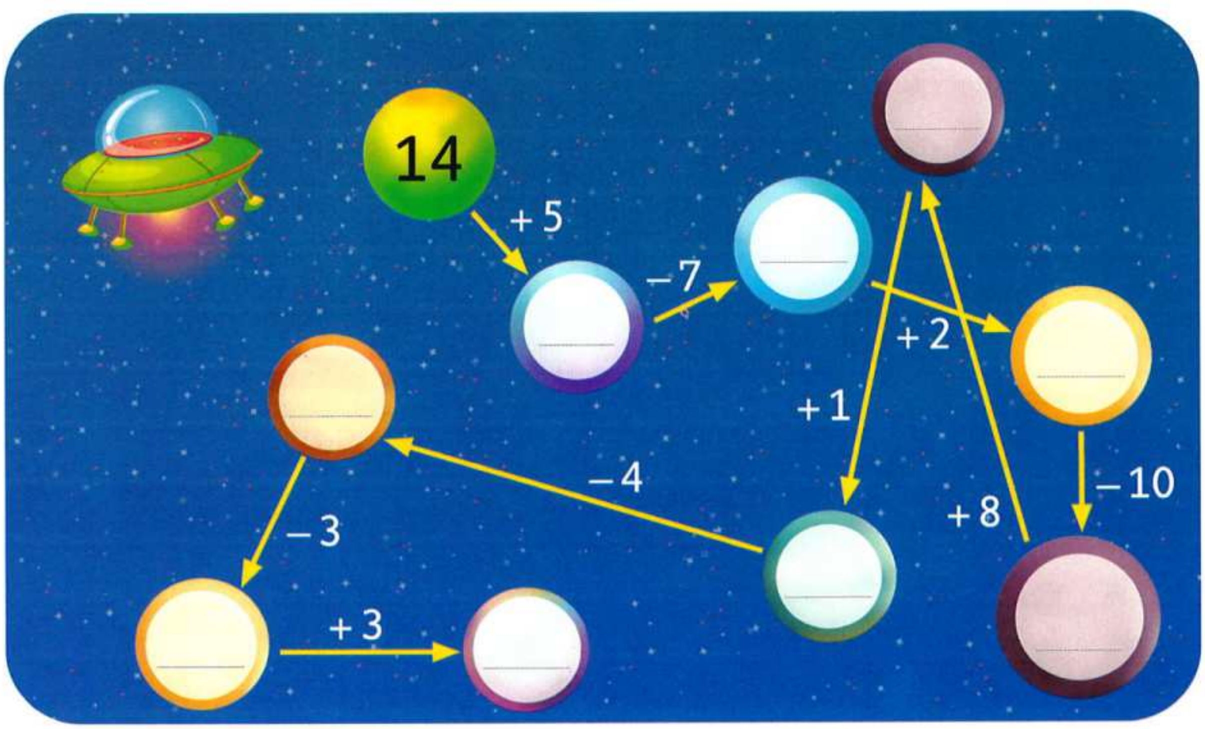


Write 10 numbers between 1 and 20 in the ◯, then help the frog to jump over all the numbers.

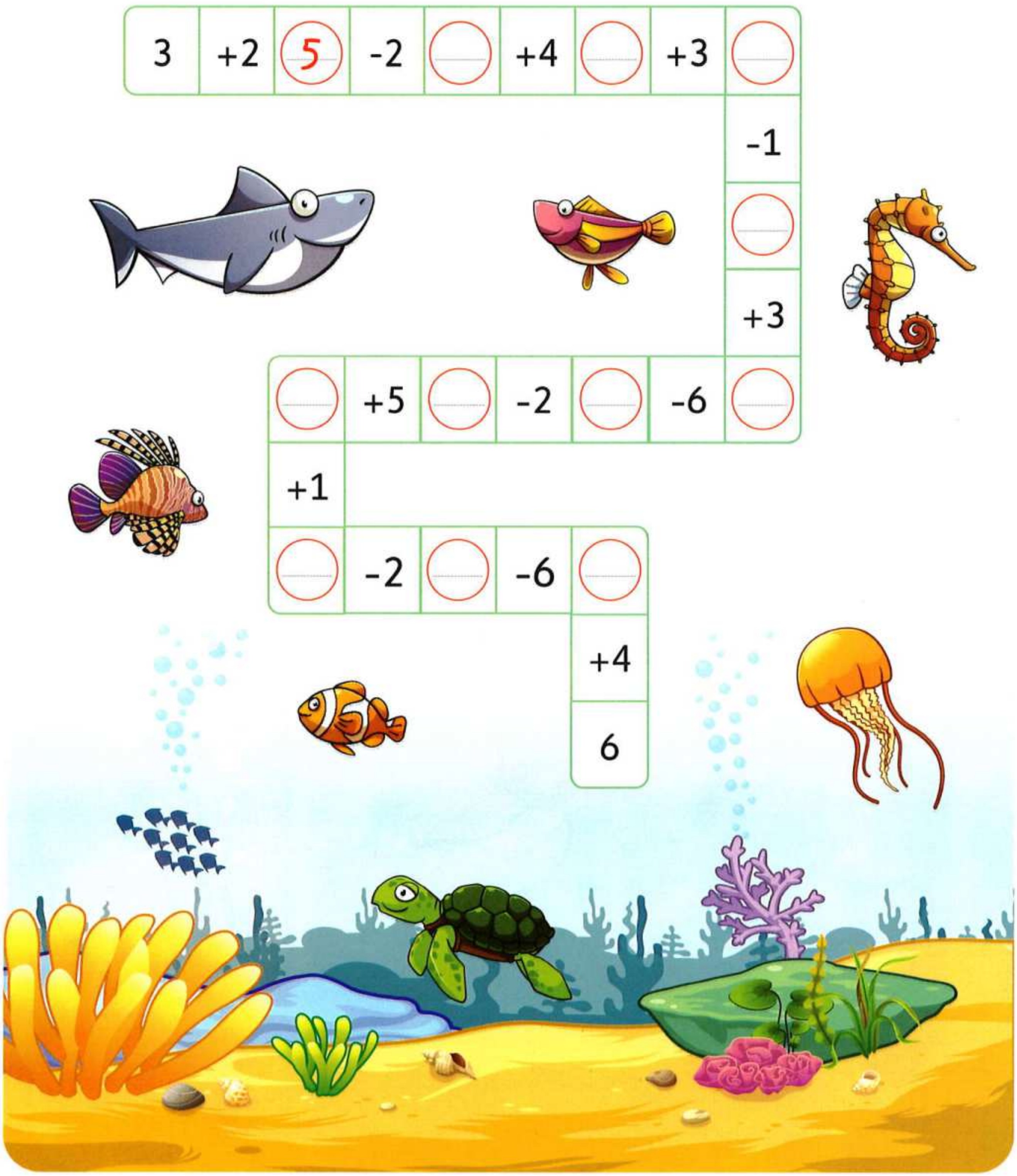




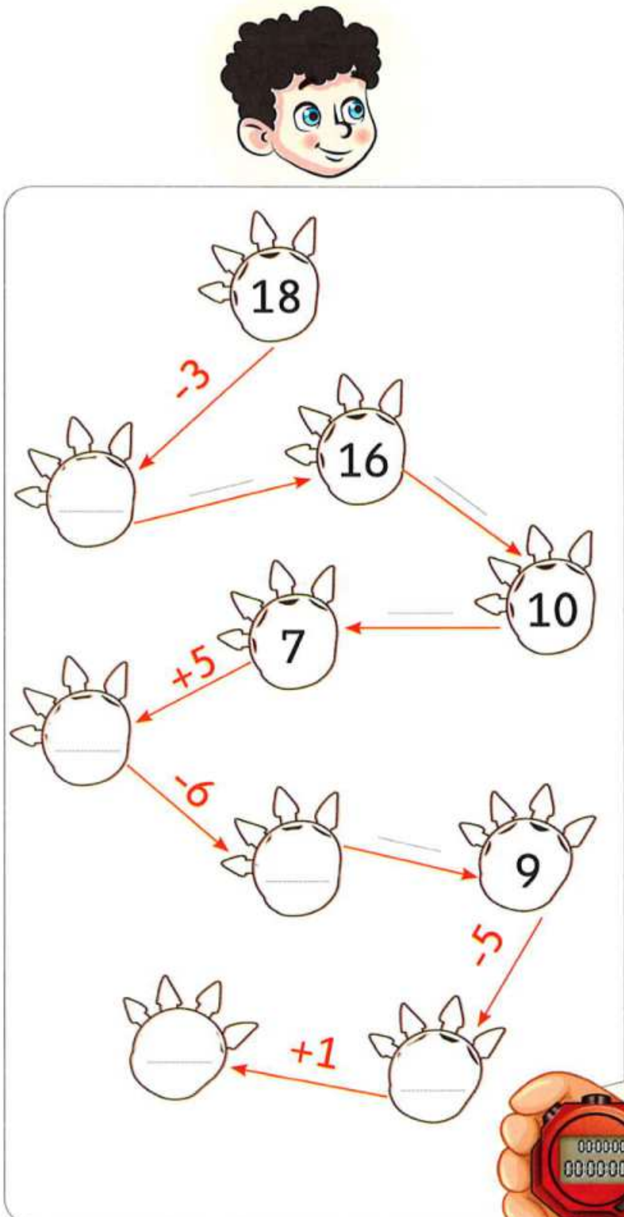
Complete.

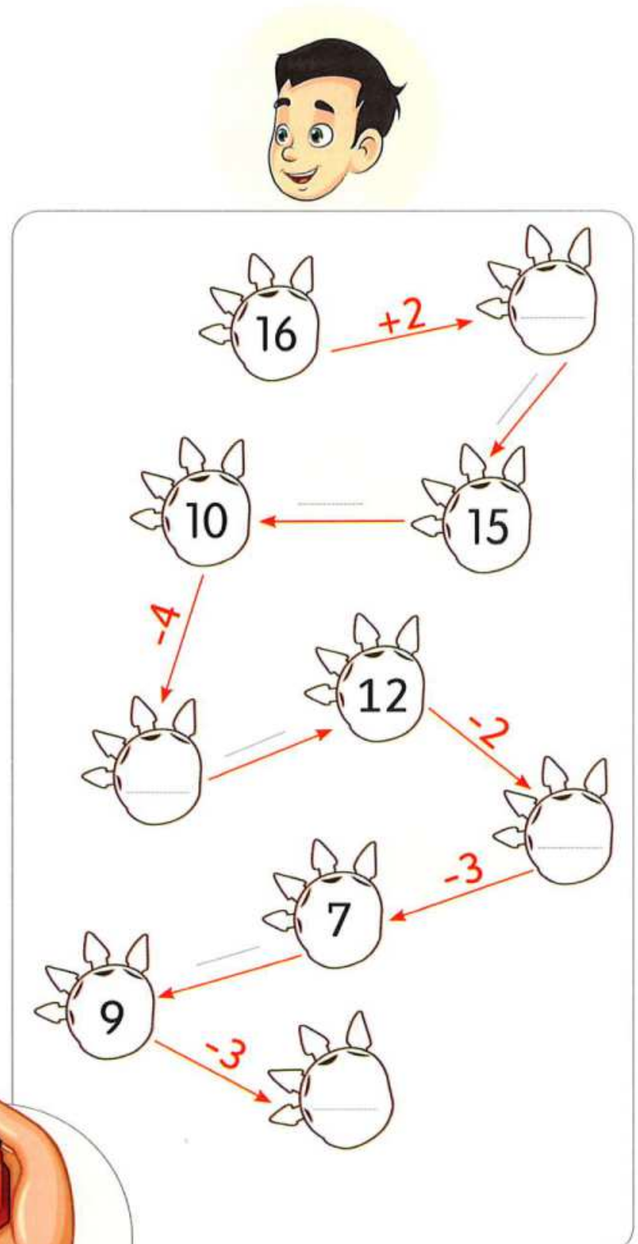


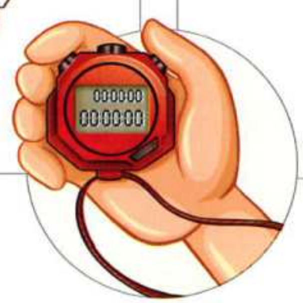
Follow the path around the animals that like water.
Find the sums and differences.



Who can do first ? you / your friend







Place a smiley face

Lessons 105 & 106

More money

Remember money

1 pound

1 pound

5 pounds

10 pounds

20 pounds

50 pounds

100 pounds

If the boy wants to buy the ball, he will pay

Example 1

From the above picture, draw the amount to pay for each.

Solution

11 pounds	for kite :	10 POUNDS, 1 POUND
25 pounds	for car :	20 POUNDS, 5 POUNDS
36 pounds	for doll :	20 POUNDS, 10 POUNDS, 5 POUNDS, 1 POUND

Notes for parents

- Give your child some play banknotes and ask him/her to count them or give him/her an amount of money and ask him/her to make a certain amount from them.

Problem solving

Example 2

Sally has 60 L.E.

She bought a doll for 25 L.E.

How much money is remained with Sally ?

Solution

First way :

- Write a number sentence to solve.

60 – 25 = ?

1st way

- Use the hundred chart to solve.

Start from 60 (the larger number) and move backward by ones until you reach 25 (the smaller number), you will make 35 jumps.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	**25**	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	**60**
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

To 30 · To 40 · To 50

60 – 25 = 35

★ The remained money with Sally is 35 L.E.

Notes for parents

- Ask your child to follow the steps that help solve the problem, read the story problem carefully first, then decide the operation to solve, write the number sentence to solve the problem.

Second way :

- Write a number sentence to solve.

25 + ? = 60

- Use the hundred chart to solve.

2nd way

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	(25)	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	(60)
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

To 31

To 41

To 51

Start from 25 (the smaller number) and move forward by ones until you reach 60 (the larger number), you will make 35 jumps.

25 + 35 = 60

The remained money with Sally is 35 L.E.

- Make a story with subtraction problem and help your child to write the subtraction sentence, then ask him/her to solve it using a hundred chart.

Exercise 22

More money

On Lessons **105 & 106**

Choose the correct amount.

5 L.E. or 50 L.E.

20 L.E. or 100 L.E.

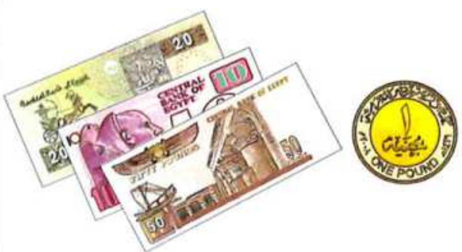
1 L.E. or 10 L.E.

10 L.E. or 100 L.E.

5 L.E. or 50 L.E.

10 L.E. or 100 L.E.

Write the amount of money.



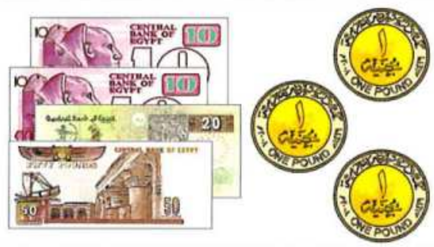
.... L.E.

.... L.E.

.... L.E.

.... L.E.

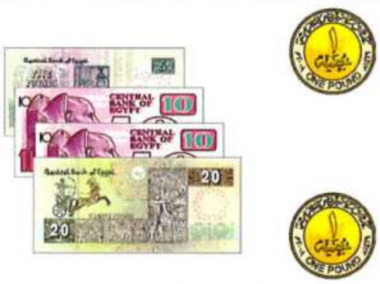
.... L.E.



.... L.E.

Join the equal amounts of money.

Choose the correct amount.



42 L.E. or 47 L.E.

83 L.E. or 93 L.E.

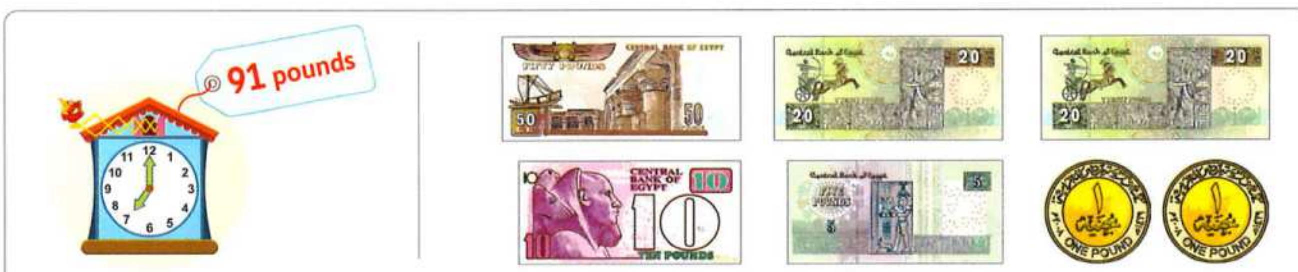
33 L.E. or 23 L.E.

72 L.E. or 82 L.E.

80 L.E. or 90 L.E.

85 L.E. or 95 L.E.

Circle the amount of money you need exactly to buy each item. The first one is done for you.



Count the amount of money. Write the amount. Draw 🙂 if the amount can buy the item. Draw 🙁 if the amount can not buy the item.

_____ L.E.

_____ L.E.

_____ L.E.

_____ L.E.

_____ L.E.

Draw a simple note

to get the required amount of money.

Answers may vary.

82 pounds

38 L.E.

75 pounds

46 L.E.

93 L.E.

57 pounds

Exchange each amount of money.

60 L.E. = 20 L.E. + 20 L.E. + 10 L.E. + 10 L.E.

or = 50 L.E. + 10 L.E.

or = 50 L.E. + 5 L.E. + 5 L.E.

40 L.E. = ______________________

35 L.E. = ______________________

78 L.E. = ______________________

94 L.E. = ______________________

81 L.E. = ______________________

Use a hundred chart to solve each problem.

Hany has **50** L.E. He bought a book for **40** L.E.

How much money is remained with Hany ?

Sylvia has **35** L.E. She bought sweets for **20** L.E.

How much money is remained with Sylvia ?

Amany had **76** L.E. She bought some fruits.
The remained was **10** L.E.

How much money did the fruit cost ?

Amir had **82** L.E. He spent some money.
The remained was **40** L.E.
How much money did Amir spend ?

Mina has **42** L.E. He bought a ball for **22** L.E.

How much money is remained with Mina ?

Bassem has **100** L.E. He gave his sister **75** L.E.

How much money is remained with Bassem ?

Sara had **95** L.E. She paid **25** L.E. as a ticket to enter the garden.

How much money is remained with Sara ?

Karma had **66** L.E. She gave **30** pounds to her sister Farida.

How much money is remained with Karma ?

If you have
Write the remainder each time you buy the item.

50 − 35 = ______

______ − ______ = ______

______ − ______ = ______

______ − ______ = ______

______ − ______ = ______

______ − ______ = ______

______ − ______ = ______

______ − ______ = ______

______ − ______ = ______

______ − ______ = ______

Find the reminder for each of the following.

- 35 L.E. – 12 L.E. = ☐ L.E.
- 71 L.E. – 24 L.E. = ☐ L.E.
- 88 L.E. – 36 L.E. = ☐ L.E.
- 62 L.E. – 18 L.E. = ☐ L.E.
- 43 L.E. – 20 L.E. = ☐ L.E.
- 96 L.E. – 47 L.E. = ☐ L.E.

Write (✓) to the correct statement and (✗) to the incorrect statement.

- 27 L.E. = 10 L.E. + 10 L.E. + 5 L.E. + 1 L.E. ( )
- 51 L.E. = 20 L.E. + 20 L.E. + 10 L.E. + 1 L.E. ( )
- 77 L.E. – 30 L.E. = 47 L.E. ( )
- 64 L.E. – 12 L.E. = 50 L.E. ( )
- 80 L.E. – 25 L.E. = 45 L.E. ( )
- 48 L.E. – 29 L.E. = 19 L.E. ( )

Place a smiley face

Lessons **107 to 110**

Make a 10 to add

Remember componets of 10

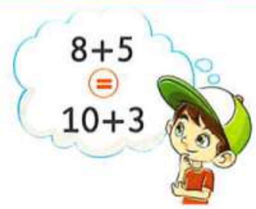
10 + 0	9 + 1	8 + 2	7 + 3	6 + 4	5 + 5
0 + 10	1 + 9	2 + 8	3 + 7	4 + 6	

Make a 10 to add

Make a 10 to add is a great math strategy to help us mentally add bigger numbers.

Example 1

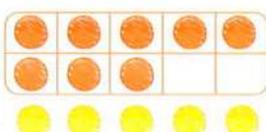
Find the sum of 8 + 5



Solution

Show **8**
Then show **5**

$$\begin{array}{r} 8 \\ +\ 5 \\ \hline \end{array}$$



Make a ten.
8 is close to **10**
Move **2** counters into the ten frame.

$$\begin{array}{r} 10 \\ +\ 3 \\ \hline 13 \end{array}$$

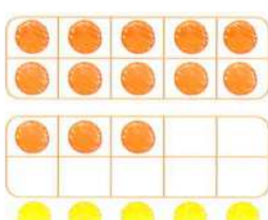
Example 2

Find the sum of 13 + 5

Solution

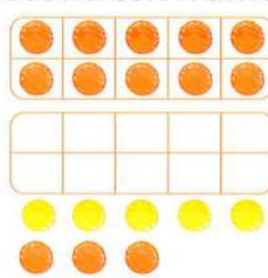
Show **13**
Then show **5**

$$\begin{array}{r} 13 \\ +\ 5 \\ \hline \end{array}$$



Make a ten.
Move **3** counters from the second ten frame.

$$\begin{array}{r} 10 \\ +\ 8 \\ \hline 18 \end{array}$$



Notes for parents

- Give your child an addition problem such that its result is greater than 10 and less than 20 (8+4).
- Let him/her make 2 trains snap cubes with different 2 colors to show each number.
- Ask him/her to snap trains together then unsnap them to show a ten train and a train of the left cubes.

Exercise 23

Make a 10 to add

On Lessons **107** to **110**

Complete the following components of 10.

	10 + 0 = 10
	9 + 1 = 10
	8 + ____ = 10
	____ + 3 = 10
	____ + ____ = 10
	____ + ____ = 10
	____ + ____ = 10

	___ + ___ = 10
	___ + ___ = 10
	___ + ___ = 10
	___ + ___ = 10

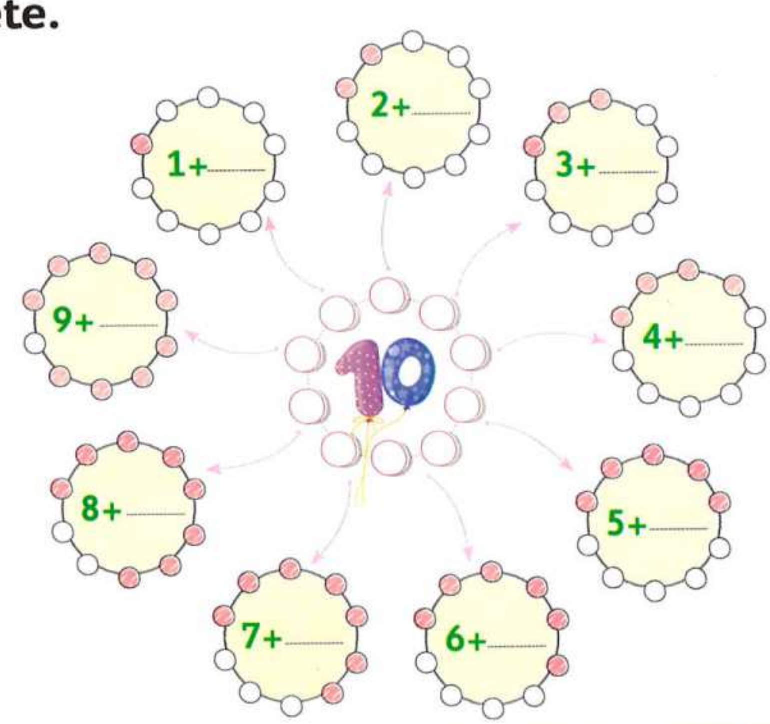
Choose the correct answer.

1 + ______ = 10	9 or 10	7 + ______ = 10	3 or 7
2 + ______ = 10	6 or 8	5 + ______ = 10	5 or 15
______ + 6 = 10	4 or 6	______ + 0 = 10	1 or 10
______ + 3 = 10	5 or 7	______ + 9 = 10	0 or 1
8 + ______ = 10	10 or 2	______ + 4 = 10	6 or 10

Match to make 10.

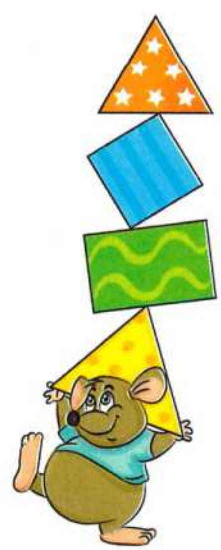
10	5	7	2	9	6
4	0	5	1	8	3

Complete.

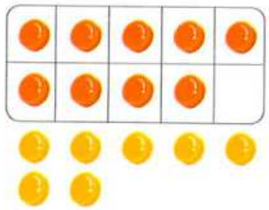
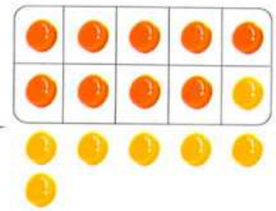


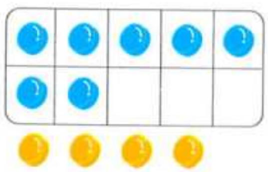
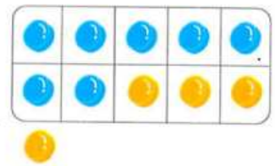
Complete. The first one is done for you.

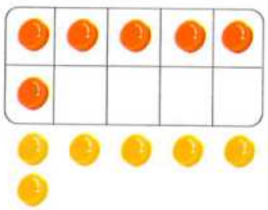
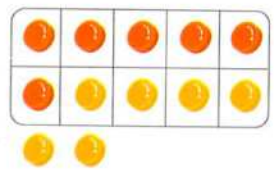
- 4 + 6 = 6 + 4 = 10
- 7 + 3 = ____ + ____ = ____
- 2 + 8 = ____ + ____ = ____
- 9 + 1 = ____ + ____ = ____
- 0 + 10 = ____ + ____ = ____

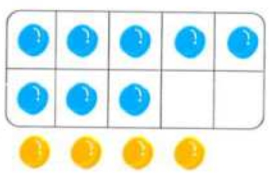
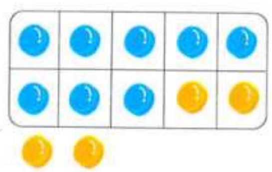


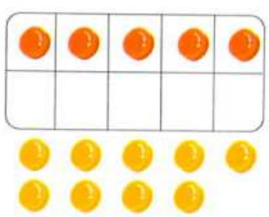
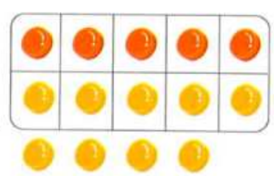
Make a ten to add.

9 + 7 = ____  → 10 + 6 = ____ 

7 + 4 = ____  → 10 + 1 = ____ 

6 + 6 = ____  → 10 + 2 = ____ 

8 + 4 = ____  → 10 + 2 = ____ 

5 + 9 = ____  → 10 + 4 = ____ 

Rewrite the following equations by making 10. The first one is done for you.

- 7 + 5 = 10 + 2
- 9 + 2 = ____ + ____
- 4 + 8 = ____ + ____
- 2 + 8 = ____ + ____
- 8 + 6 = ____ + ____
- 5 + 9 = ____ + ____
- 6 + 7 = ____ + ____
- 8 + 9 = ____ + ____

Draw 🟠 and 🟡 to show the number sentence. Add.

$6 + 5 = 11$

$10 + 1 = 11$

$9 + 3 =$ ____

$10 +$ ____ $=$ ____

$8 + 6 =$ ____

$10 +$ ____ $=$ ____

$5 + 7 =$ ____

$10 +$ ____ $=$ ____

$4 + 9 =$ ____

$10 +$ ____ $=$ ____

$8 + 7 =$ ____

$10 +$ ____ $=$ ____

$7 + 6 =$ ____

$10 +$ ____ $=$ ____

$9 + 8 =$ ____

$10 +$ ____ $=$ ____

Hint for parents :

Your child may make a ten to add problems as (8 + 5) by two ways :

$\begin{array}{r} 8 \\ +\ 5 \end{array} \rightarrow \begin{array}{r} {}^{10}\cancel{8} \\ +{}^{3}\cancel{5} \end{array} \rightarrow \begin{array}{r} 10 \\ +\ 3 \\ \hline 13 \end{array}$ **Or** $\begin{array}{r} 8 \\ +\ 5 \end{array} \rightarrow \begin{array}{r} {}^{3}\cancel{8} \\ +{}^{10}\cancel{5} \end{array} \rightarrow \begin{array}{r} 3 \\ +\ 10 \\ \hline 13 \end{array}$

Make a ten to add. The first one is done for you.

$9 + 3 = 12$; $10 + 2 = 12$	$7 + 5 =$ ___	$6 + 8 =$ ___
$7 + 9 =$ ___	$4 + 9 =$ ___	$7 + 7 =$ ___
$5 + 6 =$ ___	$9 + 8 =$ ___	$8 + 7 =$ ___
$9 + 5 =$ ___	$4 + 8 =$ ___	$7 + 6 =$ ___
$8 + 3 =$ ___	$5 + 8 =$ ___	$6 + 9 =$ ___

Make a ten to add. The first one is done for you.

15 + 4 = 19 (10 + 9 = 19)	16 + 2 = ___	14 + 3 = ___
12 + 4 = ___	13 + 6 = ___	4 + 14 = ___

Make a ten to add. The first one is done for you.

16 + 2 = 18 (10, 8)	15 + 2 = ___	14 + 3 = ___	12 + 7 = ___
11 + 6 = ___	7 + 13 = ___	5 + 13 = ___	14 + 5 = ___
12 + 4 = ___	12 + 3 = ___	3 + 13 = ___	2 + 11 = ___

Complete. The first one is done for you.

10, 6 12 + 4 = 16	10, 3 4 + 9 = ____
10, ____ 17 + 2 = ____	10, ____ 7 + 5 = ____
____, ____ 14 + 5 = ____	____, ____ 6 + 5 = ____
____, ____ 11 + 7 = ____	____, ____ 8 + 7 = ____
____, ____ 6 + 13 = ____	____, ____ 9 + 3 = ____

Write (✓) to the correct statement and (X) to the incorrect statement.

- $13 + 2 = 10 + 5$ ( )
- $15 + 4 = 10 + 8$ ( )
- $7 + 9 = 10 + 9$ ( )
- $8 + 6 = 10 + 4$ ( )
- $12 + 7 = 10 + 8$ ( )
- $14 + 8 = 10 + 6$ ( )

Match the equal sums.

5 + 6	10 + 7
8 + 9	10 + 3
7 + 8	10 + 1
9 + 7	10 + 2
5 + 7	10 + 5
4 + 9	10 + 6
9 + 9	10 + 4
5 + 9	10 + 8

Put ">,< or =".

7 + 4	☐	6 + 6	9 + 5	☐	4 + 6
8 + 8	☐	9 + 7	8 + 6	☐	7 + 8
7 + 6	☐	4 + 8	5 + 6	☐	3 + 9
4 + 9	☐	5 + 8	9 + 7	☐	6 + 10
8 + 7	☐	10 + 4	9 + 5	☐	7 + 7
6 + 8	☐	7 + 5	8 + 10	☐	9 + 8

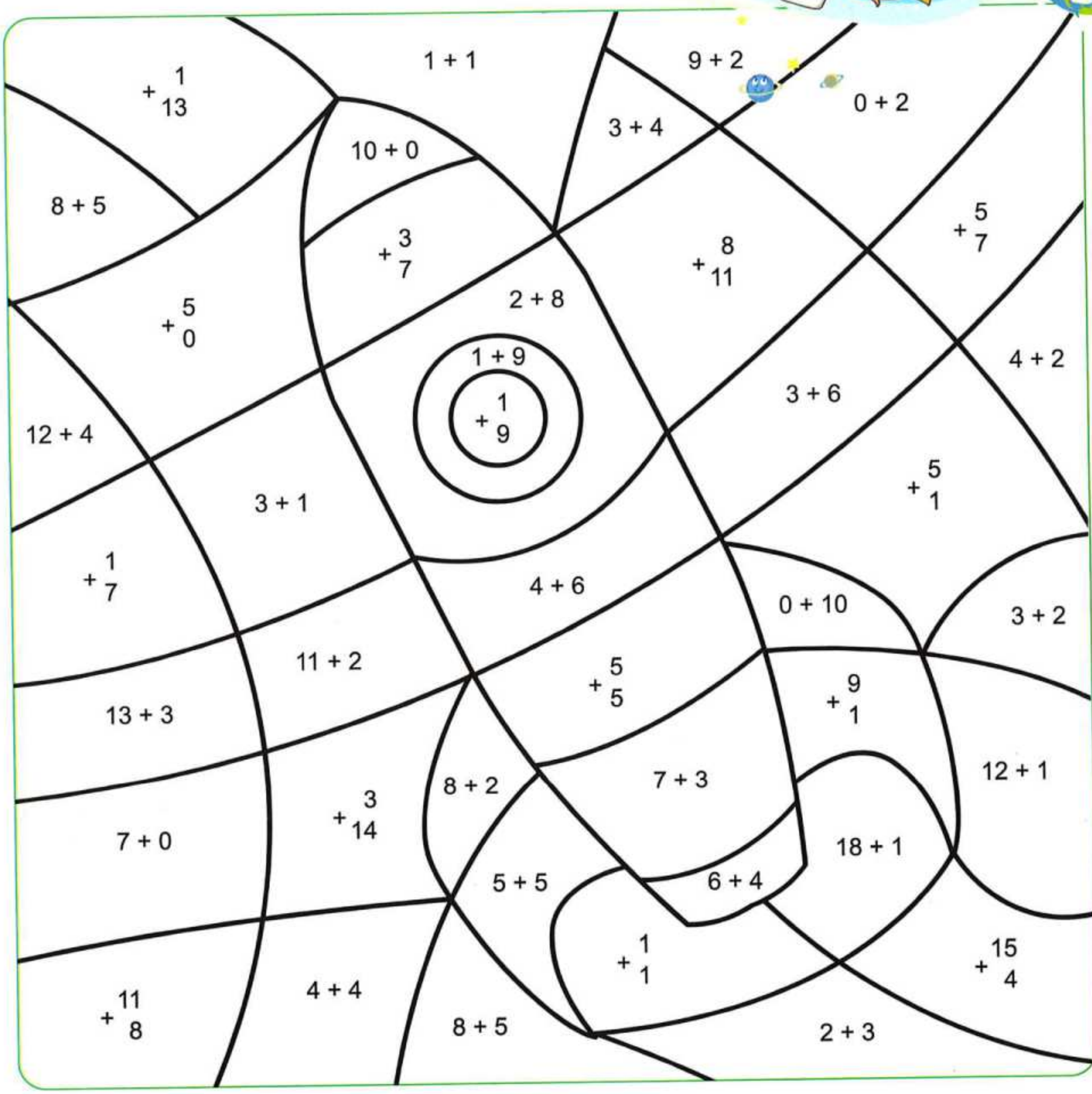
Choose the correct answer.

- 8 + ☐ = 10 + 5 — 6 or 7
- ☐ + 5 = 10 + 4 — 5 or 9
- 7 + 6 = 10 + ☐ — 3 or 4
- ☐ + 4 = 10 + 2 — 6 or 8
- 9 + ☐ = 10 + 1 — 2 or 3
- 3 + 8 = 10 + ☐ — 1 or 2

Place a smiley face

Art corner Chapter 5

Color the spaces with sum 10 in orange.



CHAPTER 6

Outcomes and key vocabulary of chapter six :

Lessons 111 to 113

Outcomes :

- Apply strategies to solve addition and subtraction problems.
- Find 1 more or 1 less than a given number.
- Find 10 more or 10 less than a given number.

Lessons 114 & 115

Outcomes :

- Find 1 more or 1 less than a given number.
- Find 10 more or 10 less than a given number.
- Add a two-digit number and a one-digit number.
- Add multiples of 10 to two-digit numbers.
- Apply strategies to add 2 two-digit numbers.

Key vocabulary :

- Add
- Multiples of 10
- Two-digit number

Lesson 116

Outcomes :

- Identify missing numbers in a sequence of numbers.
- Determine the value of each digit in a two-digit number.
- Explain how the place of a digit in a number changes its value.

Key vocabulary :

- Decompose
- Decomposition
- Digit
- Numeral
- Pattern
- Ones
- Tens

Lessons 117 to 120

Outcomes :

- Subtract multiples of 10 from two-digit numbers.
- Apply strategies to subtract 2 two-digit numbers.
- Determine the unknown number in addition or subtraction sentences.
- Explain the relationship between addition and subtraction.
- Participate in a revision.

Key vocabulary :

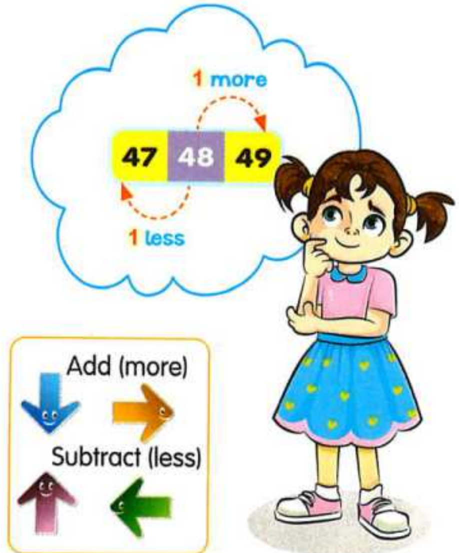
- Digit
- Ones
- Tens
- Value
- Fact family

Lessons 111 to 113

- 1 more & 1 less
- 10 more & 10 less

1 more & 1 less

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



Note

49 is 1 more than **48**

47 is 1 less than **48**

10 more & 10 less

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Note

58 is 10 more than **48**

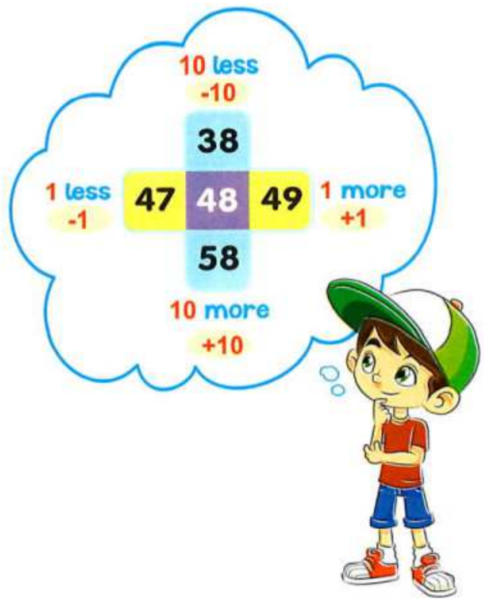
38 is 10 less than **48**

Notes for parents

- Say a number from 1 to 90, let your child find a number 1 more, 1 less , 10 more and 10 less than the number using the hundred chart.

1 more & 1 less - 10 more & 10 less

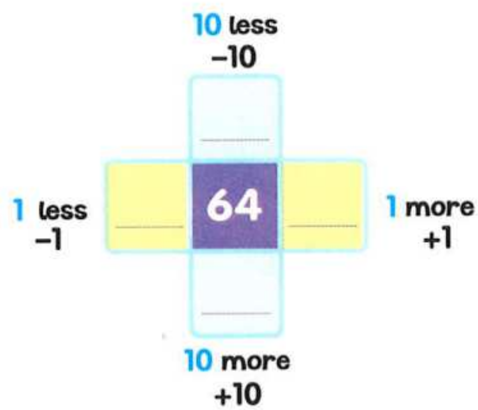
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



Example

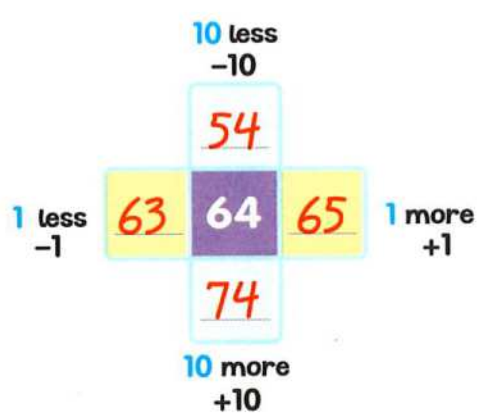
Use the hundred chart to complete.

- ______ is 1 more than 64
- ______ is 1 less than 64
- ______ is 10 more than 64
- ______ is 10 less than 64



Solution

- 65 is 1 more than 64
- 63 is 1 less than 64
- 74 is 10 more than 64
- 54 is 10 less than 64



Exercise 24

- 1 more & 1 less
- 10 more & 10 less

On Lessons 111 to 113

Use the hundred chart to choose.

_____ is 1 more than 32
31 or 33

_____ is 1 less than 40
39 or 41

_____ is 1 more than 79
78 or 80

_____ is 1 less than 96
95 or 97

_____ is 10 more than 53
43 or 63

_____ is 10 less than 38
28 or 48

_____ is 10 more than 21
11 or 31

_____ is 10 less than 12
2 or 22

24 is _____ than 23
1 more or 1 less

47 is _____ than 57
10 more or 10 less

90 is _____ than 89
1 more or 1 less

56 is _____ than 46
10 more or 10 less

_____ is 1 more than 60
59 or 61

_____ is 1 less than 33
32 or 34

_____ is 10 more than 25
15 or 35

_____ is 10 less than 94
84 or 93

Write the suitable numbers.

42 → One more → ______

______ ← One less ← 34

77 → One more → ______

______ ← One less ← 25

19 → 1 more → ______

______ ← 1 less ← 51

63 → 1 more → ______

______ ← 1 less ← 80

20 → 1 more → ______

17 ← 1 less ← ______

______ → 1 more → 35

80 ← 1 less ← ______

______ → 1 more → 60

26 ← 1 less ← ______

______ → 1 more → 71

25 ↓ 10 more ↓ ______

______ ↑ 10 less ↑ 72

18 ↓ 10 more ↓ ______

______ ↑ 10 less ↑ 54

______ ↓ 10 more ↓ 15

81 ↓ 10 more ↓ ______

______ ↑ 10 less ↑ 14

35 ↓ 10 more ↓ ______

______ ↑ 10 less ↑ 66

49 ↑ 10 less ↑ ______

Write the numbers.

10 less / 1 less **35** 1 more / 10 more

10 less / 1 less **57** 1 more / 10 more

10 less / 1 less **63** 1 more / 10 more

10 less / 1 less **86** 1 more / 10 more

-10 / -1 **16** +1 / +10

-10 / -1 **77** +1 / +10

-10 / -1 **21** +1 / +10

-10 / -1 **90** +1 / +10

-10 / -1 **33** +1 / +10

-10 / -1 **15** +1 / +10

Match.

____ is 1 more 36	36
____ is 1 less 48	37
____ is 10 more 26	40
____ is 10 less 56	46
____ is 1 more 39	47

Write (✓) to the correct statement and (✗) to the incorrect statement.

- 31 is 1 more than 30 ( )
- 49 is 10 more than 59 ( )
- 62 is 1 more than 61 ( )
- 18 is 10 more than 8 ( )
- 70 is 1 more than 69 ( )
- 95 is 10 more than 94 ( )
- 27 is 1 less than 37 ( )
- 53 is 10 less than 43 ( )
- 89 is 1 less than 90 ( )
- 46 is 10 less than 47 ( )
- 5 is 10 less than 15 ( )
- 64 is 1 less than 63 ( )

Follow the arrows to complete.

42 → +10 more → ____ → -1 less → ____ → +1 more → ____ → +10 more → ____

→ -10 less → ____ → -10 less → ____ → +1 more → ____ → -1 less → ____

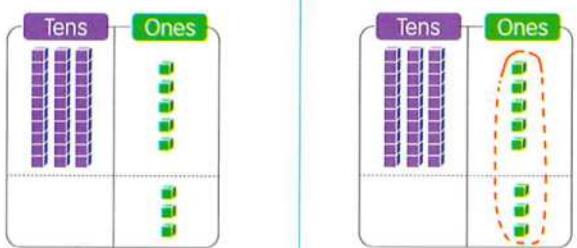
Place a smiley face

Lessons
114 & 115

- Adding a one-digit number to a two-digit number
- Adding 2 two-digit numbers

Adding a one-digit number to a two-digit number

Add. 35
+ 3



Step 1

	tens	ones
	3	5
+		3
	___	___

Step 2

	tens	ones
	3	5
+		3
	___	8

Step 3

	tens	ones
	3	5
+		3
	3	8

Adding 2 two-digit numbers

How to add 21 + 35 ?

Step 2

Add the tens
2 + 3 = 5 tens

	tens	ones
	2	1
+	3	5
	5	6

Step 1

Add the ones
1 + 5 = 6 ones

Example

Add.

42	53	31	62
+ 6	+ 4	+ 55	+ 15
.....	.....	.....	.....

Solution

48 | 57 | 86 | 77

Notes for parents

• Ask your child to explain the steps he/she would do to find 25+13.

Exercise 25

- Adding a one-digit number to a two-digit number
- Adding 2 two-digit numbers

On Lessons 114 & 115

Add each of the following.

	tens	ones
	7	2
+		5
	......	......

	tens	ones
	4	3
+		6
	......	......

	tens	ones
	6	1
+		7
	......	......

	tens	ones
	1	2
+		6
	......	......

	tens	ones
	5	3
+		4
	......	......

	tens	ones
	3	2
+		7
	......	......

	tens	ones
		4
+	2	5
	......	......

	tens	ones
	9	4
+		4
	......	......

Choose the correct answer.

42 + 3 = ...

72 or 45

51 + 6 = ...

57 or 75

15 + 2 = ...

17 or 35

44 + 4 = ...

84 or 48

2 + 21 = ...

41 or 23

82 + 4 = ...

86 or 88

73 + 5 = ...

78 or 87

5 + 32 = ...

82 or 37

Solve the addition problems.

22 + 5 = ___	41 + 2 = ___	12 + 7 = ___	35 + 4 = ___	3 + 60 = ___
4 + 44 = ___	25 + 3 = ___	64 + 4 = ___	16 + 3 = ___	73 + 2 = ___
50 + 8 = ___	94 + 5 = ___	33 + 3 = ___	3 + 15 = ___	42 + 7 = ___

Find the result. Join.

40 + 9	25
21 + 4	65
41 + 5	79
63 + 2	89
74 + 5	46
82 + 7	49

Add. The first one is done for you.

46 + 31

```
   46
+  31
-----
   77
```

25 + 42   34 + 54   62 + 15

15 + 83   22 + 66   72 + 23   81 + 16

Choose the correct answer.

25 + 30 = ____ 53 or 55	47 + 50 = ____ 97 or 45	66 + 10 = ____ 76 or 67
36 + 32 = ____ 68 or 59	12 + 23 = ____ 35 or 53	35 + 63 = ____ 98 or 89
27 + 50 = ____ 72 or 77	71 + 12 = ____ 82 or 83	14 + 61 = ____ 75 or 72
13 + 26 = ____ 39 or 75	55 + 32 = ____ 87 or 78	72 + 16 = ____ 98 or 88

Add.

25 + 13 = ___	37 + 42 = ___	66 + 21 = ___	84 + 13 = ___
55 + 32 = ___	54 + 45 = ___	85 + 14 = ___	94 + 3 = ___
16 + 13 = ___	73 + 24 = ___	64 + 23 = ___	48 + 41 = ___
37 + 12 = ___	47 + 11 = ___	14 + 82 = ___	61 + 15 = ___
24 + 12 = ___	35 + 23 = ___	42 + 37 = ___	61 + 28 = ___

Write (✓) to the correct statement and (✗) to the incorrect statement.

23 + 40 = 63	( )	61 + 25 = 76	( )
72 + 12 = 74	( )	3 + 41 = 71	( )
46 + 30 = 77	( )	11 + 14 = 23	( )
15 + 81 = 96	( )	32 + 5 = 37	( )
24 + 24 = 84	( )	31 + 27 = 58	( )

Find the answer, then write "> , < or =".

54 + 10	◯	62 + 5	11 + 47	◯	52 + 10
32 + 21	◯	32 + 20	71 + 8	◯	53 + 26
12 + 43	◯	44 + 11	24 + 13	◯	30 + 8
35 + 12	◯	6 + 41	17 + 52	◯	61 + 7
20 + 46	◯	33 + 34	50 + 18	◯	6 + 61

Place a smiley face

Lesson 116

- Number sequences
- Decomposition of two-digit numbers

Number sequences

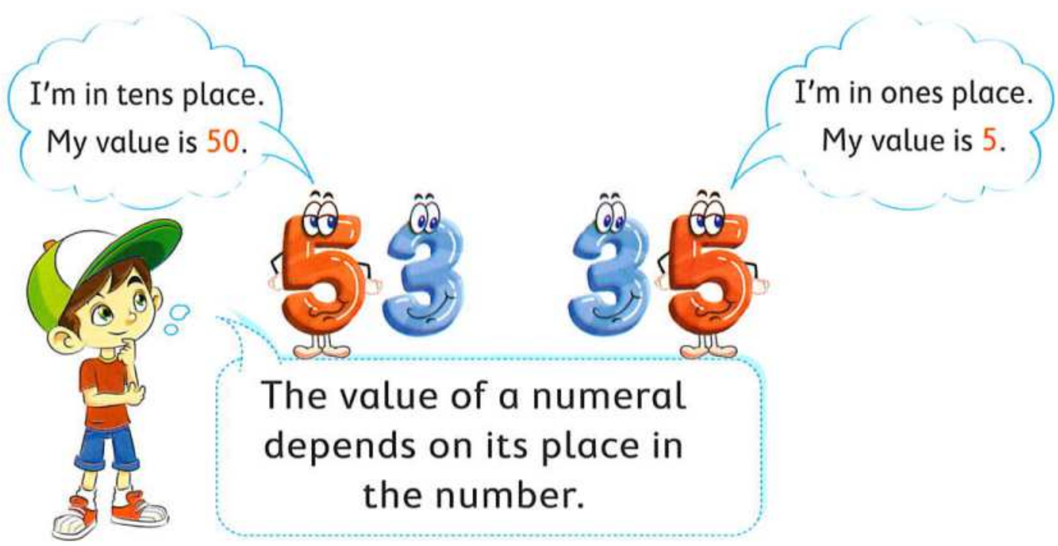
Number sequence is a number pattern has a rule.
To complete the number sequence, you need to find out this rule.

For example:

1 , 2 , 3 , 4 , 5 , ...	70 , 60 , 50 , 40 , ...
The number sequence is increasing and its rule is adding 1 The next number is 6	The number sequence is decreasing and its rule is subtracting 10 The next number is 30

You could check the number sequence using the 100-chart.

Decomposition of two-digit numbers



Think: 53 = 50+3 , 35 = 30+5

Notes for parents

- Give your child a number cards. 2, 3, 6, ...
- Ask him/her to form a two-digit number as 3, 6 and find the value of 3.
- Ask him/her to change the position of each card 6, 3 and find the value of 3.
- Explain to him/her the value of a numeral depends on its place in the number.

Exercise 26

- **Number sequences**
- **Decomposition of two digit numbers**

On Lesson 116

Find the missing numbers in each of the following number sequences.

1. ___, ___, 3, 4, 5, ___, ___, ___, ___, 10
2. 10, 9, ___, 7, ___, ___, ___, 3, ___, ___
3. ___, 20, 30, 40, ___, ___, ___, 80, ___, 100
4. 20, ___, 22, 23, ___, ___, 26, ___, 28, ___
5. ___, 52, 51, ___, ___, 48, ___, 46, 45, ___
6. 73, 74, ___, 76, ___, 78, 79, ___, ___
7. ___, ___, 80, 70, 60, ___, ___
8. 5, 15, ___, 35, ___, 55, ___
9. ___, ___, 75, 65, ___, 45, 35

Decompose the following two-digit numbers into tens and ones. The first one is done for you.

67	85	36	48
60 , 7	___ , ___	___ , ___	___ , ___
23	**94**	**12**	**57**
___ , ___	___ , ___	___ , ___	___ , ___

Choose the correct answer.

35 = ____	30+5 **or** 50+3	17 = ____	70+1 **or** 10+7
29 = ____	90+2 **or** 20+9	58 = ____	50+8 **or** 80+5
42 = ____	2+40 **or** 4+20	73 = ____	3+70 **or** 7+30
____ = 60+1	16 **or** 61	____ = 80+4	48 **or** 84
____ = 3+20	32 **or** 23	____ = 2+50	25 **or** 52

Write (✓) to the correct statement and (✗) to the incorrect statement.

- 63 = 6 tens, 3 ones ( )
- 21 = 2+10 ( )
- 74 = 7 tens,4 ones ( )
- 82 = 2 tens, 8 ones ( )
- 54 = 4 tens, 5 ones ( )
- 38 = 3+80 ( )
- 19 = 1+9 ( )
- 46 = 6 ones, 4 tens ( )

Use 6 , 7 , 2 and do the following steps.

Step 1 **Make as many two-digit numbers as you can.**

67 , ____ , ____ , ____ , ____ , ____

Step 2 **From the numbers you made.**

Which is the smallest number ? [ ]

Which is the greatest number ? [ ]

Step 3 **Decompose each two-digit number into tens and ones.**

67 → 60, 7	____ → [ ], [ ]	____ → [ ], [ ]
____ → [ ], [ ]	____ → [ ], [ ]	____ → [ ], [ ]

Use the digits 4 , 5 , 8.

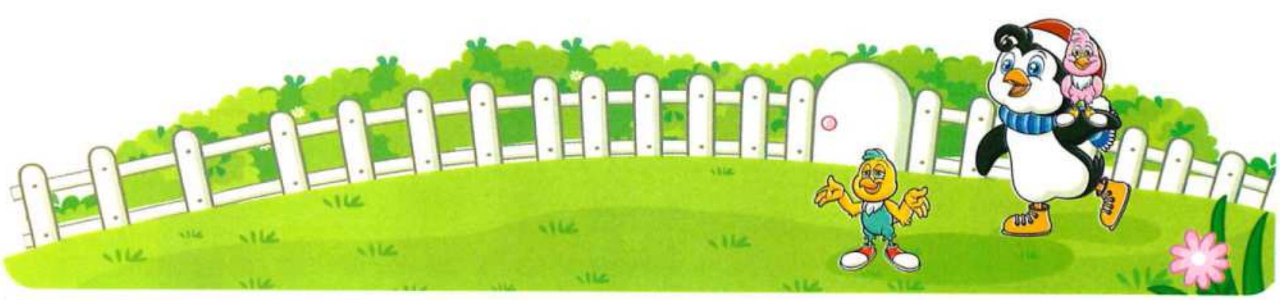
1 **Make as many two-digit numbers as you can.**

______ , ______ , ______ , ______ , ______ , ______

2 **From the numbers you made.**

- The smallest number is ______
- The greatest number is ______

3 **Decompose each two-digit number into tens and ones.**



Place a smiley face

Lessons **117 to 120**

- Subtracting 2 two-digit numbers
- Fact family

Subtracting 2 two-digit numbers

✿ How to subtract **57 - 32** ?

	tens	ones
	5	7
−	3	2
	2	5

Step 1
Subtract the ones
7 - 2 = 5 ones

Step 2
Subtract the tens
5 - 3 = 2 tens

57 - 32 = 25

Example

Subtract.

$$\begin{array}{r} 45 \\ -\ 13 \\ \hline \end{array} \qquad \begin{array}{r} 83 \\ -\ 61 \\ \hline \end{array} \qquad \begin{array}{r} 59 \\ -\ 14 \\ \hline \end{array} \qquad \begin{array}{r} 76 \\ -\ 42 \\ \hline \end{array}$$

Solution 32 | 22 | 45 | 34

Relation between addition and subtraction

✿ Fact family

6, 9, 15

6 + 9 = 15

15 - 6 = 9

15 - 9 = 6

9 + 6 = 15

Notes for parents

- Give your child cards of 3 different numbers less than 20 where the sum of two of them equal the third.
- Give him/her three cards of the signs +, −, =
- Ask him to form all the possible addition and subtraction problems using these cards.

Exercise 27

- Subtracting 2 two-digit numbers
- Fact family

On Lessons 117 to 120

Subtract. The first one is done for you.

63 – 21	85 – 54	74 – 33	48 – 37
63 - 21 42	___ - ___ ___	___ - ___ ___	___ - ___ ___

29 – 18	59 – 46	36 – 15	94 – 32
___ - ___ ___	___ - ___ ___	___ - ___ ___	___ - ___ ___

Find the result. Match.

46 – 20 •	• 18
87 – 50 •	• 65
95 – 30 •	• 64
58 – 40 •	• 37
74 – 10 •	• 26

Subtract.

$$\begin{array}{r} 87 \\ -44 \\ \hline \end{array}$$

$$\begin{array}{r} 94 \\ -51 \\ \hline \end{array}$$

$$\begin{array}{r} 66 \\ -33 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ -21 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ -14 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ -11 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ -15 \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ -15 \\ \hline \end{array}$$

$$\begin{array}{r} 38 \\ -23 \\ \hline \end{array}$$

$$\begin{array}{r} 79 \\ -58 \\ \hline \end{array}$$

Find the result, then write "> , < or =".

12 + 34	◯	68 − 23	94 − 34	◯	30 + 30
77 − 12	◯	35 + 20	23 + 54	◯	99 − 10
31 + 50	◯	80 − 10	89 − 32	◯	14 + 33
80 − 60	◯	16 + 3	64 − 20	◯	40 + 4
40 + 10	◯	76 − 26	10 + 24	◯	57 − 23
88 − 13	◯	45 + 32	26 + 70	◯	99 − 9

Find the missing numbers.

$13-8=\square$ $13-\square=8$

$\square+8=13$ $8+\square=13$

$16-7=\square$ $16-\square=7$

$\square+7=16$ $7+\square=16$

$7-4=\square$ $7-\square=4$

$\square+4=7$ $4+\square=7$

$14-7=\square$ $14-\square=7$

$\square+7=14$ $7+\square=14$

$19-6=\square$ $19-\square=6$

$\square+6=19$ $6+\square=19$

$9-5=\square$ $9-\square=5$

$\square+5=9$ $5+\square=9$

$15-7=\square$ $15-\square=7$

$\square+7=15$ $7+\square=15$

$12-3=\square$ $12-\square=3$

$\square+3=12$ $3+\square=12$

Find the missing number in each box.

$7 + \bigcirc = 17$

$17 - 7 = \bigcirc$

$17 - \bigcirc = 7$

$\bigcirc + 7 = 17$

$11 - \bigcirc = 6$

$6 + \bigcirc = 11$

$\bigcirc + 6 = 11$

$11 - 6 = \bigcirc$

$9 + \bigcirc = 14$

$14 - 9 = \bigcirc$

$14 - \bigcirc = 9$

$\bigcirc + 9 = 14$

$13 - \bigcirc = 7$

$13 - 7 = \bigcirc$

$7 + \bigcirc = 13$

$\bigcirc + 7 = 13$

$4 + \bigcirc = 12$

$\bigcirc + 4 = 12$

$12 - \bigcirc = 4$

$12 - 4 = \bigcirc$

$15 - \bigcirc = 5$

$15 - 5 = \bigcirc$

$5 + \bigcirc = 15$

$\bigcirc + 5 = 15$

In each group. Cross out the fact does not belong to the fact family.

$2 + 6 = 8$	$7 + 5 = 12$	$6 + 9 = 15$
$8 - 5 = 3$	$12 - 5 = 7$	$9 + 6 = 15$
$6 + 2 = 8$	$12 + 5 = 17$	$15 - 9 = 6$
$8 - 2 = 6$	$5 + 7 = 12$	$15 + 4 = 19$

Write the fact family for each.

2 4 6	5 3 8	4 6 10
___ + ___ = ___	___ + ___ = ___	___ + ___ = ___
___ + ___ = ___	___ + ___ = ___	___ + ___ = ___
___ − ___ = ___	___ − ___ = ___	___ − ___ = ___
___ − ___ = ___	___ − ___ = ___	___ − ___ = ___

3 9 12	8 7 15	7 9 16
___ + ___ = ___	___ + ___ = ___	___ + ___ = ___
___ + ___ = ___	___ + ___ = ___	___ + ___ = ___
___ − ___ = ___	___ − ___ = ___	___ − ___ = ___
___ − ___ = ___	___ − ___ = ___	___ − ___ = ___

Hidden Treasure

A treasure is hidden under one of these numbers, follow the directions to find the treasure. Draw your path :

- ✓ Start at 92
- ✓ Subtract 30
- Add 2
- Subtract 20
- Add 4
- Add 10
- Add 2
- Subtract 40
- Subtract 5

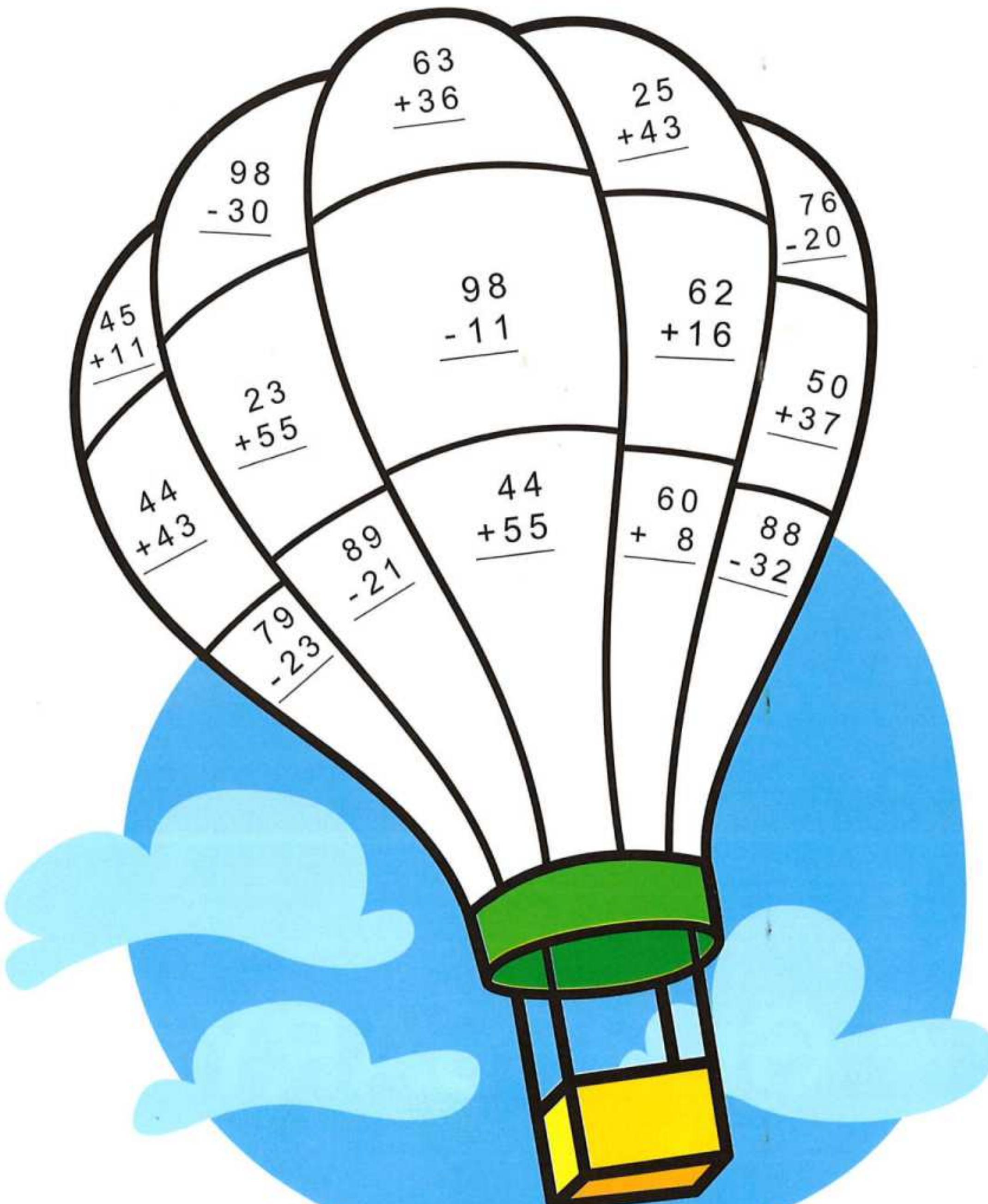
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

The treasure is under the number ______

Place a smiley face

Art corner Chapter 6

Green 78
Red 56
Orange 99
Yellow 68
Blue 87



GLOSSARY

A

A.M.	صباحًا
above	فوق
according to	حسب / طبقًا لـ
add	يجمع
addition	الجمع
amount	مبلغ
analog clock	الساعة ذات العقارب
arrange	يرتب
arrow	سهم
ascending	تصاعدى
attribute	خاصية

B

backward	للخلف
base	قاعدة
behind	خلف
belong	ينتمى
below	أسفل
bundle	حزمة
buy	يشترى

C

change	يغير
chapter	فصل
choose	يختار
circle	دائرة / يضع دائرة حول
clock	منبه
color	يلون / لون
colored	ملون
compare	يقارن
complete	يكمل
components	مكونات
cone	مخروط
connect	يوصل
corner	رأس
correct	صحيح
count	يعد
counting	العد
create	يكوّن
cross out	يحذف
cube	مكعب
cuboid	متوازى مستطيلات
curved face	وجه منحنٍ
cylinder	أسطوانة

D

daily	يومى
day	يوم
decompose	يحلل
decomposing	تحليل
decomposition	تحليل
descending	تنازلى
different	مختلف
digital clock	الساعة الرقمية
digit	رقم
dot	نقطة
down	أسفل
draw	يرسم
drawing	الرسم

E

each	كلًا من
edge	حرف
eighth	الثامن
equal to	يساوى / مساوٍ لـ
example	مثال
exchange	يبدل
exercise	تمرين
extra	المزيد

F

face	وجه
fact family	مجموعة الحقائق
fifth	الخامس
find	يوجد
first	الأول
flat	مستوٍ
following	التالى
form	يكون
forward	للأمام
fourth	الرابع / ربع

G

game	لعبة
greater than	أكبر من
greatest	الأكبر
group	مجموعة

H

half	نصف
happen	يحدث
help	يساعد
hidden	مخفى
hold	يمسك
hour	ساعة
hour hand	عقرب الساعات
hundred	مائة
hundred chart	جدول المائة

I

identify	يتعرف على
identifying	تعريف
incorrect	غير صحيح
in front of	أمام
in	فى / داخل
item	شيء

J

join	يوصل

L

least	الأقل
left	شمال / الباقى
length	طول
less	أقل / ناقص
less than	أقل من
line up	يصطف
long	طويل
longer than	أطول من
longest	الأطول
loose	مرتخى

M

make a ten	تكوين العدد 10
match	يوصل
measure	يقيس
measuring	قياس
medium	متوسط
mental math	الحساب العقلى
minute hand	عقرب الدقائق
missing	مفقود / ناقص
money	نقود
more	أكثر / زائد
multiples	مضاعفات

N

need	يحتاج
next	التالى
ninth	التاسع
number bond	مكونات العدد
number	عدد

O

object	شيء
one less	أقل بواحد
one more	أكبر بواحد
ones	آحاد
opposite	مقابل
order	يرتب / ترتيب
ordering	ترتيب
ordinal number	العدد الترتيبى
out	خارج

P

P.M.	مساءً
part	جزء
pattern	نمط
pay	يدفع
picture	صورة
place value	القيمة المكانية
point	نقطة
point to	يشير إلى
popsicle stick	عصا المصاصة

position موضع
pound جنيه
price ثمن
problem مسألة
put يضع

Q

quantity مقدار / كمية
quarter ربع

R

read يقرأ
rectangle مستطيل
rectangular prism متوازى مستطيلات
relation علاقة
relative نسبى
remained الباقى
required مطلوب
right يمين
routine نظام
row صف

S

same مماثل
schedule جدول / برنامج
second الثانى
sentence جملة
seventh السابع
shape شكل
short قصير
shorter than أقصر من
shortest الأقصر
side ضلع
sixth السادس
small صغير
smallest الأصغر
solid مجسم
solve يحل
solving حل
space فراغ
speed سرعة
sphere كرة
square-based pyramid هرم رباعى
square مربع
start يبدأ
statement عبارة
step خطوة
stick عصا
straight line خط مستقيم
strategy استراتيجية
subtract يطرح
subtracting الطرح
suitable مناسب
sum مجموع

T

take out يخرج
tall طويل
tallest الأطول
ten-stack حزمة العشرة
tens عشرات
tenth العاشر
third الثالث
tick يضع علامة
time الوقت
together معًا
trace يتتبع
triangle مثلث
two-dimensional (2D) ثنائى الأبعاد
three-dimensional (3D) ثلاثى الأبعاد

U

underline يضع خط أسفل
under تحت
unit وحدة
unknown مجهول
up أعلى
use يستخدم

V

value قيمة

W

way أسلوب / طريقة
whole الوحدة الكاملة
within حتى
word كلمة
write يكتب

EL-MOASSER

Mathematics

By a group of supervisors

Step by Step REVISION

FREE PART

- Worksheets
- General Revision
- Final Assessments

Part 2

DISCOVER

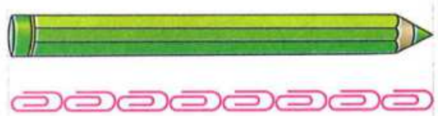
1st Primary 2023

SECOND TERM

Worksheets

Sheet 1 On lessons 61 to 65 (A) - chapter 1

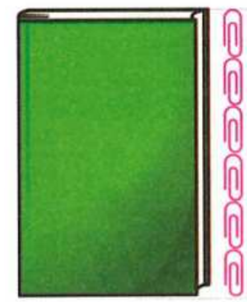
1 Measure the length of each object using as a unit.



______

______

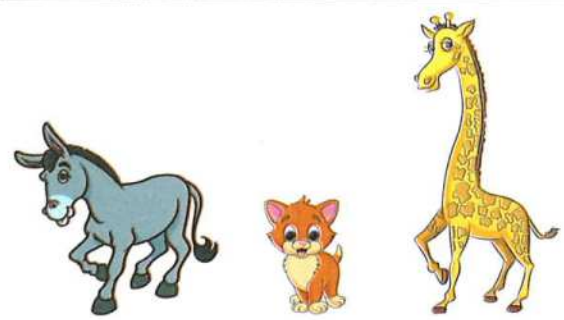
______



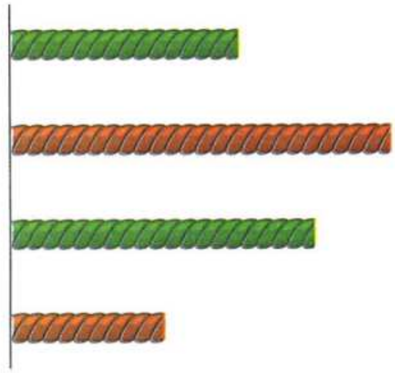
______

2 Draw a pencil that is longer than the drawn pencil.

3 Circle the shortest animal.



4 Arrange from the shortest to the longest.



5 Tick (✓) the two objects that have the same length.

Sheet 2

Till lessons 61 to 65 (B) - chapter 1

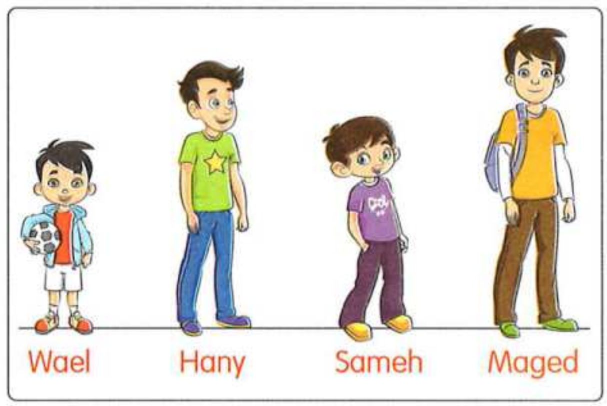
1 **Complete with a number.**

- There are ____ birds out the cage

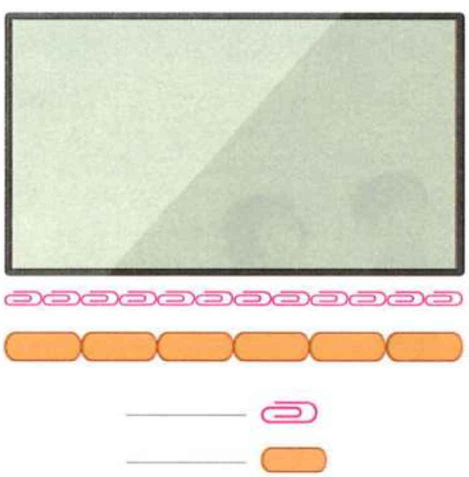
  and ____ birds in the cage.

2 **Write (✓) to the correct statement and (✗) to the incorrect statment.**

- Hany is on the left of Sameh. (   )
- The tallest one is Wael. (   )
- Sameh is on the right of Maged. (   )
- Hany is shorter than Sameh. (   )



3 **Measure the length of object using (eraser) and (paper clip) as measuring units.**



____ (paper clip)

____ (eraser)

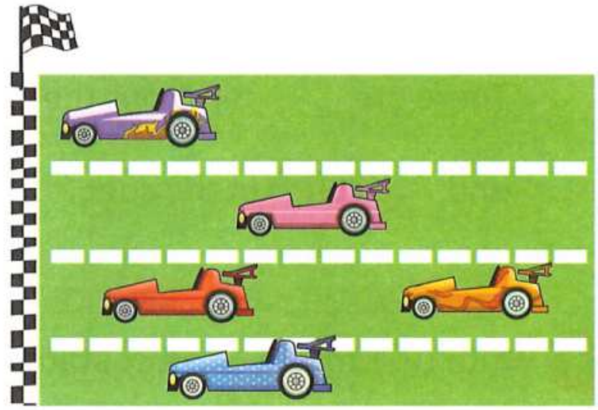
4 **Choose the correct answer.**

- The cat is going ________ (up or down)

Sheet 3 Till lessons 66 & 67 - chapter 1

1 In a car race.

- Tick (✗) the 2nd car.
- Underline the 5th car.
- Circle the third car.
- Tick (✓) the first car.



2 Match.

tenth	third	sixth	ninth	second
9th	6th	2nd	10th	3rd

3 Complete.

- The first one is ______
- Amgad is behind ______
- The fifth one in the line is ______
- ______ is in front of Amal.

Sheet 4 Till lesson 68 - chapter 1

1 Complete.

- 68 is one less than ________
- ________ is one more than 39
- 71 is one more than ________
- 43 is one more than ________ but it is one less than ________

2 Choose.

- The length of the book is ________

◯ 3 ◯ 4
◯ 2 ◯ 5

- The cat is ________ the chair.

◯ above ◯ below
◯ behind ◯ in front of

- The order of the dog is ________

◯ first ◯ second
◯ third ◯ fourth

- The number that is 1 more than 53 is ________

◯ 54 ◯ 52
◯ 55 ◯ 51

3 Tick (✓) the objects that have the same length.

Sheet 5 Till lessons 69 & 70 - chapter 1

1 Choose.

- The amount is ______ L.E.

  ◯ 12 ◯ 20
  ◯ 22 ◯ 11

- The amount is ______ L.E.

  ◯ 40 ◯ 34
  ◯ 43 ◯ 41

- The bird is ______ the cage.

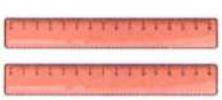
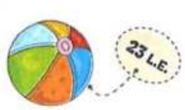
  ◯ above ◯ below
  ◯ in ◯ out

- ______ is one less than 78

  ◯ 77 ◯ 79
  ◯ 76 ◯ 80

2 Join each item to its price.

3 Write (✓) to the correct statement and (✗) to the incorrect statment.

-  have the same length. ( )
- can buy  ( )

- 46 is one more than 45 ( )

Assessment Chapter 1

1 Choose the correct answer.

- ______ is one more than 19

◯ 18 ◯ 20

- ______ is one less than 72

◯ 71 ◯ 73

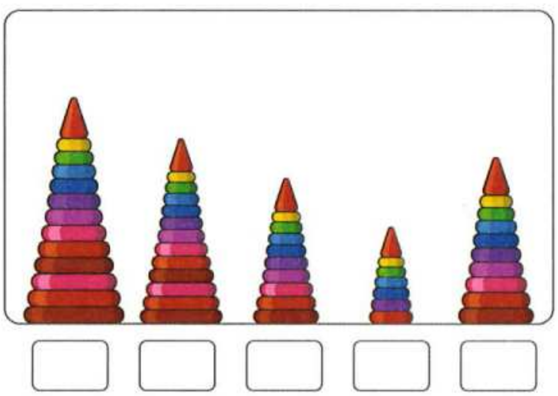
- The order of the circled item is ______

◯ third ◯ fourth

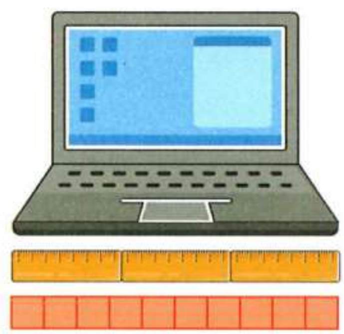
- The ball is ______ the table.

◯ above ◯ below

2 Arrange from the shortest to the longest.



3 Measure the length of object using ▭ , ▢ as measuring units.



______ ▭ ______ ▢

4 Write 1st , 2nd or 3rd to show what happened.

5 **Write (✓) to the correct statement and (X) to the incorrect statement.**

- Ali is in the first place. ( )
- Rana is behind Hany. ( )
- Magy is in front of Ali. ( )
- There are 4 children behind Hany. ( )
- Zean is in the fifth place. ( )

6 **Draw notes to show the cost.**

7 **Count the amount of money, write the total.**

= ☐ L.E.

8 **Use the picture and complete.**

- ________ is on the left of Youssef.
- ________ is on the right of Youssef.
- Youssef is on the left of ________
- The tallest child is ________
- The shortest child is ________

Sheet 6

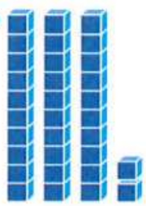
Till lessons 71 to 75 - chapter 2

1 Complete.

Tens	Ones
4	8

  represents the number ______
- The place value of the digit 3 in the number 39 is ______
- In the number 67, the value of the digit 6 is ______ and the value of the digit 7 is ______
- ______ is one less than 88

2 Choose.

-  = ______

  ◯ 23 ◯ 32 ◯ 50 ◯ 20

- ☐

  ◯ > ◯ < ◯ =

- You have Can you buy this toy?

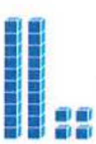
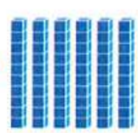
  ◯ Yes ◯ No

-

  Who is the 2nd one?

  ◯ Hesham ◯ Hany
  ◯ Ayman ◯ Bassem

3 How many tens and ones ?

-  ______ tens , ______ ones
-  ______ tens , ______ ones

Sheet 7

Till lessons 76 & 77 - chapter 2

1 Put "> , < or =".

- 48 ☐ 62
- 37 ☐ 71
- 7 tens ☐ 6 tens + 9 ones
- 80 ☐ 87
- 82 ☐ 5 tens + 4 ones
- 90 + 5 ☐ 5 ones + 9 tens

2 Complete.

- The place value of the digit 2 in the number 62 is ________
- The greater number of 83 and 90 is ________
- 39 is one less than ________
- 4 tens + 6 ones = ________
- 30 + 7 = ________

3 Choose.

- 39 > ________

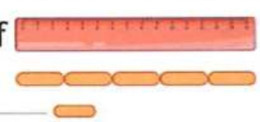
  ◯ 29　◯ 70
  ◯ 42　◯ 61

- ________ < 88

  ◯ 98　◯ 89
  ◯ 79　◯ 90

- ________ is greater than 62

  ◯ 26　◯ 70
  ◯ 45　◯ 58

- Length of  is ________

  ◯ 4　◯ 2
  ◯ 3　◯ 5

Sheet 8 Till lessons 78 & 79 - chapter 2

1 **Arrange the following numbers from the least to the greatest.**

48 , 97 , 71 , 19

_______ , _______ , _______ , _______

2 **Arrange the following numbers from the greatest to the least.**

54 , 36 , 64 , 50

_______ , _______ , _______ , _______

3 **Complete.**

- The greatest number of 84 , 67 and 90 is _______
- The value of the digit 5 in the number 75 is _______
- 59 is one less than _______
-

= _______ L.E.

4 **Write the numbers in its correct place.**

- 48 , 3 tens + 6 ones , 63 , 50 + 2

_______ > _______ > _______ > _______

- 90 , 20 + 8 , 9 tens + 4 ones , 44

_______ < _______ < _______ < _______

Sheet 9 Till lesson 80 - chapter 2

1 Subtract.

$$\begin{array}{r} 70 \\ - \; 40 \\ \hline \end{array} \qquad \begin{array}{r} 80 \\ - \; 20 \\ \hline \end{array} \qquad \begin{array}{r} 60 \\ - \; 50 \\ \hline \end{array} \qquad \begin{array}{r} 90 \\ - \; 30 \\ \hline \end{array}$$

2 Choose.

- 9 tens + 6 ones = ______

  ◯ 96 ◯ 69 ◯ 90 ◯ 60

- $\begin{array}{r} 70 \\ - \; 10 \\ \hline \end{array}$

  ◯ 80 ◯ 60 ◯ 8 ◯ 6

- 50 – 40 = ______

  ◯ 90 ◯ 10 ◯ 9 ◯ 1

- 66 ☐ 50 + 20

  ◯ > ◯ < ◯ =

3 Match.

$\begin{array}{r} 40 \\ - \; 20 \\ \hline \end{array}$	0
87 < ______	59
80 – 80 = ______	20
______ is one less than 60	93

Assessment Chapter 2

1 Complete the following.

26	tens	ones

81	tens	ones

	tens	ones
____	0	4

	tens	ones
____	3	5

- The value of the digit 7 in the number 73 is ________
- The place value of the digit 8 in the number 18 is ________
- The value of the digit 2 in the number 52 is ________
- The place value of the digit 6 in the number 69 is ________

2 Subtract.

$60 - 10 =$ ____

$70 - 30 =$ ____

$80 - 40 =$ ____

$90 - 70 =$ ____

$50 - 50 =$ ____

$20 - 10 =$ ____

3 Put "> , < or =".

91	☐	19
46	☐	52
8 ones	☐	3 tens
3 tens,5 ones	☐	5 + 30
90 – 10	☐	70 + 9

4 Match.

40 + 7 •	• 79
9 + 70 •	• 97
7 + 90 •	• 47
9 + 40 •	• 94
90 + 4 •	• 49

5 Arrange the following numbers from least to greatest.

38 , 17 , 62 , 53

The order is : ___ , ___ , ___ , ___

24 , 51 , 15 , 27 , 54

The order is : ___ , ___ , ___ , ___ , ___

6 Arrange the following number from greatest to least.

69 , 55 , 50 , 68

The order is : ___ , ___ , ___ , ___

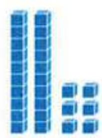
40 , 47 , 73 , 43 , 74

The order is : ___ , ___ , ___ , ___ , ___

7 How many tens and ones ?

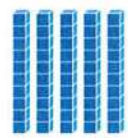
___ tens , ___ ones

___ + ___



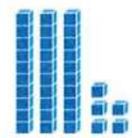
___ tens , ___ ones

___ + ___



___ tens , ___ ones

___ + ___



___ tens , ___ ones

___ + ___

8 Choose the correct value for the red digit.

- 27 (red digit: 2) — 2 20
- 51 (red digit: 5) — 1 10
- 69 (red digit: 9) — 9 90
- 34 (red digit: 3) — 3 30

9 Choose the correct place value for the red digit.

- 53 (red digit: 5) — tens ones
- 63 (red digit: 3) — tens ones
- 70 (red digit: 0) — tens ones
- 49 (red digit: 4) — tens ones

10 Write (✓) to the correct statement and (✗) to the incorrect statement.

- $14 > 41$ ( )
- $68 < 86$ ( )
- $32 > 28$ ( )
- $75 < 69$ ( )

Accumulative Assessment
Till Chapter 2

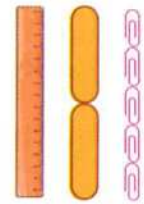
1 Choose the correct answer.

- 64 > ....

  ◯ 99 ◯ 38

  ◯ 81 ◯ 72

- The length of the ruler is ....

  ◯ 2 ◯ 4

  ◯ 5 ◯ 7

- 80 – 30 = ...

  ◯ 80 ◯ 30

  ◯ 50 ◯ 60

- 4 tens and 6 ones = ...

  ◯ 4 + 6 ◯ 4 + 60

  ◯ 6 + 4 ◯ 6 + 40

2 Put ">, < or =".

- 27 ◯ 33
- The value of 3 in 34 ◯ 40 – 20
- 5 tens , 4 ones ◯ 19
- 60 + 2 ◯ 2 tens , 6 ones
- 4 tens ◯ 70 – 30
- 85 ◯ 59

3 Write (✓) to the correct statement and (✗) to the incorrect statement.

- 32 is 1 more than 31 ( )
- equals 23 L.E. ( )
- The circled is the fifth. ( )
- 10 + 3 = 13 ( )
- The place value of the digit 9 in 93 is tens. ( )

4 Use the picture and complete.

- The second child is ________
- Fady is in front of ________
- Sama is behind ________
- The first child is ________
- The ________ child is Fady.
- ________ and ________ are behind Fady.

5 Subtract.

30	70	60	90	80	50
− 10	− 20	− 60	− 80	− 40	− 30
____	____	____	____	____	____

6 Count the money and mark if you can buy the watch or not.

☐ Yes ☐ No

7 Arrange the following numbers from the least to the greatest.

86 , 18 , 16 , 68

The order is : ____ , ____ , ____ , ____

8 Choose the correct position of the cat.

above the chair	below the chair

in the box	out the box

in front of the tree	behind the tree

on the right hand	on the left hand

Sheet 10

Till lessons 81 to 83 - chapter 3

1 Subtract.

	7 0
−	5 0
	______

	4 0
−	1 0
	______

	6 0
−	2 0
	______

- 8 tens – 3 tens = ______ tens.
- 6 tens – 4 tens = ______ tens.

2 Join.

90 – 80	60 – 30
30 + 40	99
98 < ______	10
20 + 10	70

4 Choose.

- 3 tens – 1 ten = ______
  - ◯ 4 tens ◯ 2 tens
  - ◯ 30 ◯ 10
- ______ > 58
  - ◯ 56 ◯ 49
  - ◯ 48 ◯ 61
- 6 tens + 9 ones = ______
  - ◯ 96 ◯ 69
  - ◯ 15 ◯ 90
- 40 – 30 = ______
  - ◯ 10 ◯ 20
  - ◯ 30 ◯ 40

Sheet 11

Till lessons 84 & 85 - chapter 3

1 Complete.

- 12 + ________ = 20
- 30 + 50 = ________
- ________ + 10 = 19
- 6 tens – 2 tens = ________

2 Solve the following problems.

- Hany has 7 marbles and he found 12 more marbles.
  How many marbles does he have in all ?

  ____

  ____

- Bassem has 9 pens , he bought more pens so, he has now 16 pens.
  How many pens did Bassem buy ?

  ____

  ____

- 5 birds were standing on a tree, 13 birds joined them.
  How many birds are on the tree now ?

  ____

  ____

3 Choose.

- ________ + 12 = 19

  ◯ 7 ◯ 17
  ◯ 19 ◯ 21

- 70 – 50 = ________

  ◯ 30 ◯ 40
  ◯ 20 ◯ 90

- 4 + ________ = 15

  ◯ 11 ◯ 5
  ◯ 7 ◯ 27

- 30 + 20 = ________

  ◯ 50 ◯ 5
  ◯ 80 ◯ 60

Sheet 12

Till lesson 86 - chapter 3

1 Complete.

- 18 – ________ = 11
- 19 – ________ = 5
- 6 + ________ = 12
- 17 – ________ = 7

2 Solve the following.

- Dina has 16 dolls. She gave some dolls to her sister. 9 dolls remained with Dina. How many dolls did Dina give to her sister ?

____

____

- There are 15 birds on the tree. Some of them flew away. 8 birds are still on the tree. How many birds did fly away ?

____

____

____

3 Arrange the following numbers from the least to the greatest.

65 , 19 , 72 , 36

________ , ________ , ________ , ________

4 Choose.

- ________ + 9 = 17

  ◯ 8 ◯ 17
  ◯ 26 ◯ 9

- 13 – ________ = 5

  ◯ 10 ◯ 9
  ◯ 8 ◯ 7

- ________ > 47

  ◯ 80 ◯ 46
  ◯ 39 ◯ 40

- 7 tens – 2 tens = ________

  ◯ 9 tens ◯ 5 tens
  ◯ 4 tens ◯ 6 tens

Sheet 13

Till lessons 87 to 90 (A) - chapter 3

1 Count forward by tens.

- 7 , 17 , 27 , ________ , ________ , ________
- 39 , 49 , ________ , 69 , ________ , ________
- 22 , 32 , 42 , ________ , ________ , ________
- 41 , ________ , ________ , 71 , 81 , ________

2 Choose.

- 12 – ________ = 7

  ◯ 5 ◯ 6 ◯ 7 ◯ 8

- 38 < ________

  ◯ 45 ◯ 29 ◯ 19 ◯ 30

- 13 + ________ = 15

  ◯ 1 ◯ 2 ◯ 4 ◯ 10

- 80 – 10 = ________

  ◯ 90 ◯ 60 ◯ 80 ◯ 70

- The next number in : 43 , 42 , 41 , 40 , ... is ________

  ◯ 41 ◯ 31 ◯ 30 ◯ 39

3 Count backward.

- 59 , 58 , 57 , ________ , ________ , ________
- 86 , 85 , ________ , 83 , ________ , ________
- 70 , 60 , 50 , ________ , ________ , ________
- 60 , 50 , ________ , 30 , ________ , ________

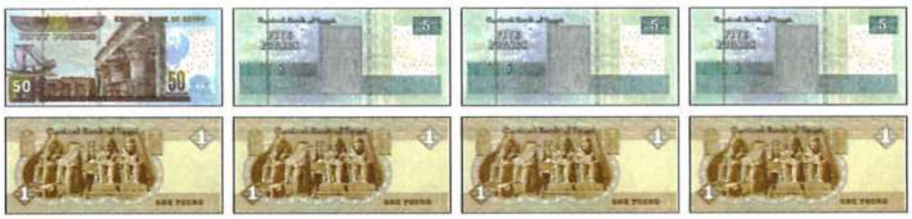
4 Match.

1st 9th 3rd 5th 2nd

Ninth Fifth First Second Third

Sheet 14 Till lessons 87 to 90 (B) - chapter 3

1 **Complete.**

- 63 L.E. – 20 L.E. = ………… L.E.
- 40 L.E. – 30 L.E. = ………… L.E.
- 17 – ………… = 4
-  = ………… L.E.

2 **Arrange the following numbers from the greatest to the least.**

74 , 20 , 83 , 47 , 84

………… , ………… , ………… , ………… , …………

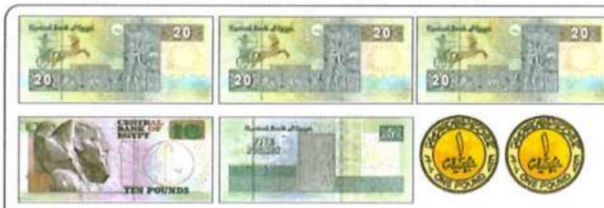
3 **Join.**

	5
………… + 12 = 17	46 L.E.
	100 L.E.
86 L.E. – 40 L.E.	86 L.E.

Assessment Chapter 3

1 Write the amount of money.

= ________ L.E.



= ________ L.E.

= ________ L.E.

= ________ L.E.

2 Choose.

- You have

Which item can you buy?

○

○

○

○

- 70 – 30 = ________

○ 50 ○ 5 tens
○ 60 ○ 4 tens

- 15 – ________ = 8

○ 23 ○ 25
○ 7 ○ 17

- The next number in : 85 , 75 , 65 , 55 , ... is ________

○ 65 ○ 56 ○ 45 ○ 54

3 Count forward.

- 28 , 38 , 48 , ________ , ________ , ________
- 1 , 11 , 21 , ________ , ________ , ________
- 34 , 44 , 54 , ________ , ________ , ________
- 12 , 22 , 32 , ________ , ________ , ________

4 Solve the following problems.

- There are 17 boys playing in the park. Then, 11 boys left.
  How many boys were still in the park ?

  ____

  ____

- Amira has 8 pens. She bought some extra pens. The number of pens with Amira became 16. How many pens did Amira buy ?

  ____

  ____

5 Count backward.

- 80 , 70 , 60 , ______ , ______ , ______
- 47 , 46 , 45 , ______ , ______ , ______
- 52 , 42 , 32 , ______ , ______ , ______
- 23 , 22 , 21 , ______ , ______ , ______

6 Circle to show amount of money.

- 40 L.E.

  20 L.E. 10 L.E. 5 L.E. 5 L.E. 5 L.E.

- 85 L.E.

  50 L.E. 20 L.E. 10 L.E. 10 L.E. 5 L.E.

- 100 L.E.

  50 L.E. 20 L.E. 20 L.E. 10 L.E. 5 L.E.

Accumulative Assessment

Till Chapter 3

1 **Complete.**

- First, Second, Third, ______, ______, ______, ______
- 10 is 1 less than ______
- The value of the digit 3 in 38 is ______
- 8 tens – 2 tens = ______

2 **Choose.**

70 – 60	20 + 30	71 < ___	90 – 30
50 + 10	80	90 – 80	4 tens + 1 ten

3 **Write the amount of money.**

______ L.E.

______ L.E.

______ L.E.

4 **Arrange the following lengths from the shortest to the longest.**

A

B

C

D

E

☐, ☐, ☐, ☐, ☐

5 Solve the following problems.

- Sama has 3 roses and she bought 14 more roses.
  How many roses does she have in all ?

  ____

  ____

- There are 16 birds on a tree. Some of them flew away and 7 birds are still on the tree. How many birds did fly away ?

  ____

  ____

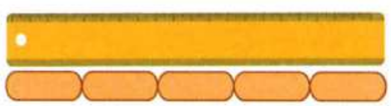
6 Put ">, < or =".

- 49 ◯ 9 tens , 4 ones
- 30 + 60 ◯ 90 – 10
- 12 – 6 ◯ 19 – 3
- ◯

7 Subtract the amouts.

- 64 L.E. – 20 L.E. = ______ L.E.
- 39 L.E. – 10 L.E. = ______ L.E.
- 70 L.E. – 1 L.E. = ______ L.E.
- 84 L.E. – 10 L.E. = ______ L.E.

8 Write (✓) to the correct statement and (✗) to the incorrect statement.

-  The length of ruler is 5 (   )
- The next number in : 31 , 32 , 33 , 34 is 44 (   )
- 81 is greater than 91 (   )
- are 97 L.E. (   )

Sheet 15 Till lessons 91 to 95 (A) - chapter 4

1 Choose the correct answer.

- 86 – 50 = ______
  ◯ 66 ◯ 36
- ______ is 1 less than 40
  ◯ 41 ◯ 39
- The value of 2 in 29 is ______
  ◯ 2 ◯ 20
- 18 + 40 = ______
  ◯ 58 ◯ 38

2 Arrange the following numbers from greatest to least.

12 , 83 , 53 , 19 , 58

The order is : ____ , ____ , ____ , ____ , ____

3 You have

Can you buy this toy?

◯ Yes ◯ No

4 Solve the following problem.

Amal has 14 pounds. She gave some pounds to her brother.
8 pounds remained with Amal.
How much money did Amal give to her brother ?

______

______

5 Write (✓) to the correct statement and (X) to the incorrect statement.

- 13 – 6 = 8 ( )
- 25 + 30 = 55 ( )
- 64 – 20 = 84 ( )
- 51 > 15 ( )

6 Complete the following.

- 82 , 72 , 62 , ____ , ____ , ____ , ____
- 48 , 49 , ____ , ____ , 52 , 53 , ____ , ____
- 90 , 80 , 70 , ____ , ____ , ____ , ____
- 64 , 63 , ____ , 61 , ____ , ____ , 58 , ____

Sheet 16 Till lessons 91 to 95 (B) - chapter 4

1 Subtract.

56 – 30 = ______

40 L.E. – 30 L.E. = ______ L.E.

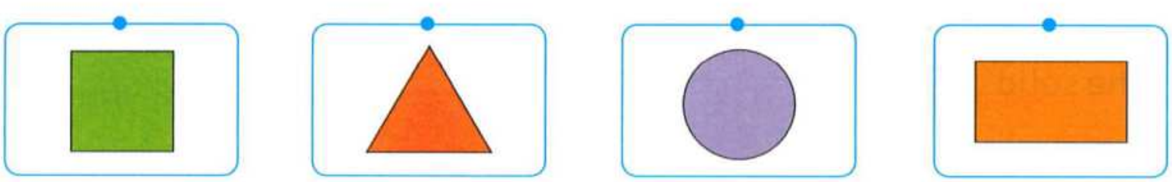
63	99	72
− 10	− 90	− 40
______	______	______

2 Complete.

- The triangle has ______ sides.
- The square has ______ corners.
- The rectangle has ______ corners.
- The circle has ______ corners.
- The rectangle has ______ sides.
- The circle has ______ sides.

3 Match.

Circle Rectangle Square Triangle



4 Put "> , < or =".

- 23 ◯ 30 + 2
- 52 – 20 ◯ 7 tens, 2 ones
- 65 ◯ 85 – 70
- 12 – 4 ◯ 8 ones

Sheet 17

Till lessons 91 to 95 (C) - chapter 4

1 Choose.

- 50 + 28 = ______

◯ 68 ◯ 78
◯ 38 ◯ 80

- 36 + 40 = ______

◯ 76 ◯ 66
◯ 86 ◯ 96

- The name of the solid is ______

◯ cone ◯ cube
◯ pyramid ◯ cylinder

- The cube has ______ edges.

◯ 8 ◯ 6
◯ 12 ◯ 4

2 Complete.

- The cuboid has ______ flat faces.
- The square-based pyramid has ______ edges.
- The rectangle has ______ sides.
- The sphere has ______ corners.

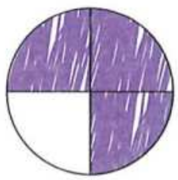
3 Match.

The base of the cylinder is a ______ •	• cube
The solid is a ______ •	• square-based pyramid
The net represents a ______ •	• cone
The solid which has 1 pointy top is the ______ •	• circle

Sheet 18

Till lessons 96 & 97 - chapter 4

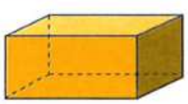
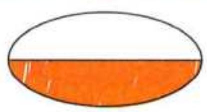
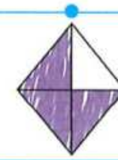
1 What fraction does the shaded part show ?

- ______
- ______
-  ______
- ______

2 Complete.

- 32 + 60 = ______
- The name of the solid is ______
- The number of quarters in a whole one is ______

3 Join.

Half	3 quarters	Cuboid	One whole
			

4 Find the results.

17 + 10	52 − 30	9 + 40	63 − 20
______	______	______	______

Sheet 19 Till lessons 98 to 100 - chapter 4

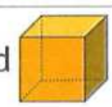
1 Complete.

- ______ + 4 = 7
- 2 + 6 = ______
- ______ + 3 = 8
- 6 + ______ = 10
- ______ + 3 = 9
- 8 + ______ = 10

2 Count in order by tens.

- 10 , 20 , ______ , ______ , ______ , 60
- 30 , ______ , ______ , ______ , 70
- ______ , 60 , ______ , ______ , 90
- 60 , 70 , ______ , ______

3 Choose.

- The shaded part in represents ______
  - ◯ half
  - ◯ quarter
  - ◯ one whole
  - ◯ 3 quarters
- The next number in 40 , 50 , 60 , ... is ______
  - ◯ 80
  - ◯ 70
  - ◯ 90
  - ◯ 100
- 48 + 50 = ______
  - ◯ 90
  - ◯ 80
  - ◯ 98
  - ◯ 100
- 73 – 40 = ______
  - ◯ 33
  - ◯ 32
  - ◯ 31
  - ◯ 30
- 83 – 80 = ______
  - ◯ 3
  - ◯ 13
  - ◯ 23
  - ◯ 33
- The name of the solid  is ______
  - ◯ cube
  - ◯ square
  - ◯ cylinder
  - ◯ cuboid

4 Tick (✓) the notes to show the amount 86 pounds.

Assessment Chapter 4

1 **Find the result for each of the following.**

74 – 20

53 + 10

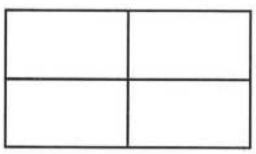
29 – 20

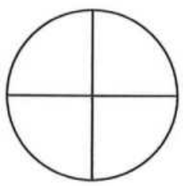
41 + 50

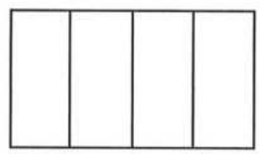
69 – 30 = ______

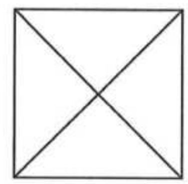
35 + 40 = ______

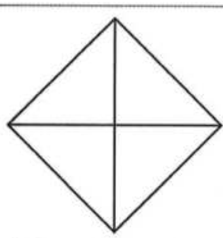
2 **Color according the given fraction.**

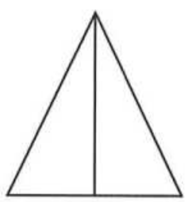

Half

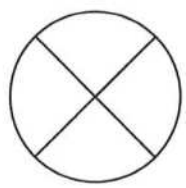

Quater

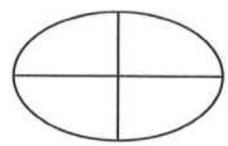

Three fourths


One whole


Two fourths


Half


One fourth


Three quarters

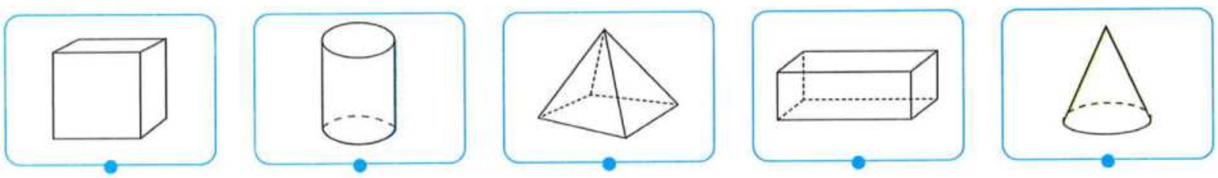
3 **Complete the following.**

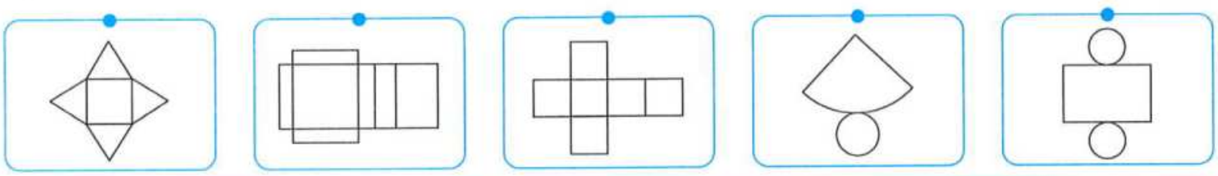
- The solid which has 2 circular bases is ______
- Triangle has ______ corners and ______ sides.
- The base of the squared-based pyramid is in the shape of a ______
- The number of faces of the cuboid is ______
- Each face of the faces of the cube is a ______
- The number of corners of a sphere is ______

4 Write (✓) to the correct statement and (✗) to the incorrect statement.

- 6 and 2 make 9 ( )
- 83 – 80 = 3 ( )
- The solid has 1 circular base. ( )
- The shaded part represents two fourths. ( )
- The rectangle has 4 sides. ( )
- There are 4 quarters in one half. ( )

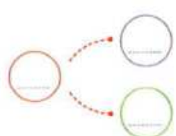
5 Match each solid to its net.



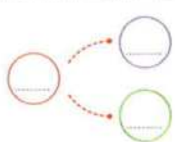


6 Decomopse the following numbers.

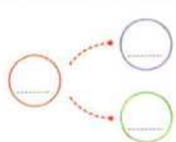
5 = 1 + ______



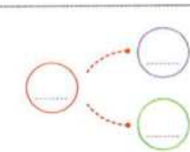
3 = 1 + ______



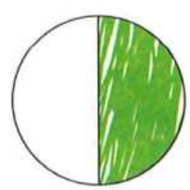
7 = 2 + ______



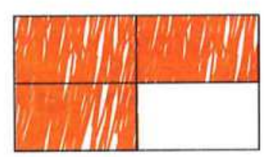
9 = 4 + ______



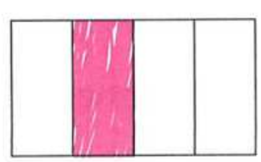
7 Write the represented fraction according to the colored part.



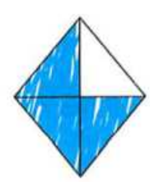
______



______



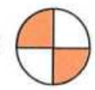
______



______

Accumulative Assessment
Till Chapter 4

1 Choose the correct answer.

- 50 is one more than ______
  - ◯ 51 ◯ 49
- 84 = ______
  - ◯ 8 + 40 ◯ 4 + 80
- The next number in : 83 , 82 , 81 , ... is ______
  - ◯ 80 ◯ 71
- The represented fraction in  is ______
  - ◯ half ◯ quarter
- The number of ______ in the cube is 12
  - ◯ corners ◯ edges
- 2 and 6 make ______
  - ◯ 26 ◯ 8

2 Show the following amount.

78 L.E.

3 Complete in order.

- 51 , 61 , 71 , ______ , ______
- 74 , 64 , 54 , ______ , ______
- 98 , 97 , 96 , ______ , ______

4 Solve the following problem.

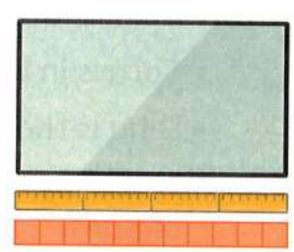
Youssef had 16 books is in his library. He donated some books. 7 books remained with Youssef. How many books did Youssef donate ?

______

______

5 What is the length of the following ?

- ______
  ______



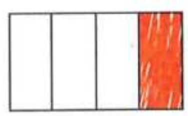
- ______
  ______

6 Match.

Cuboid | Cube | Sphere | Cylinder | Square-based pyramid

7 Write the represented fraction according to the colored part.

______


______

______

______

8 Find the result.

72 − 30 = ______

55 + 10 = ______

84 − 40 = ______

36 − 30 = ______

9 + 40 = ______

18 + 70 = ______

61 − 20 = ______

9 Write (✓) to the correct statement and (✗) to the incorrect statement.

- The first child is Hany. ( )
- Zean is the third child. ( )
- Sara is in front of Fady. ( )
- Dina is the fifth child. ( )
- There are 3 children in front of Sara. ( )
- Zean is behind Fady. ( )

Sheet 20 Till lessons 101 & 102 - chapter 5

1 Tell the time.

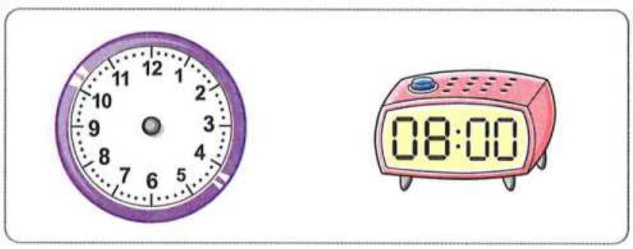
It is ________ o'clock.

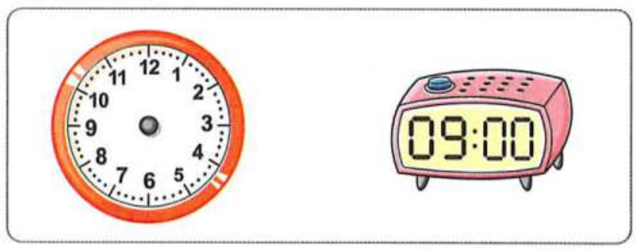
It is ________ o'clock.

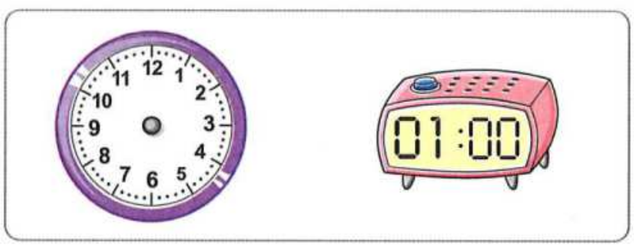
It is ________ o'clock.

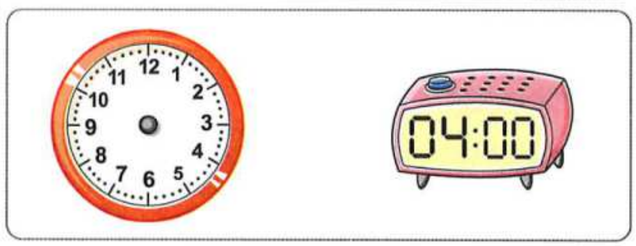
It is ________ o'clock.

2 Draw the hands to show the time.









3 Complete.

- The day is ________ hours.
- ________ + 3 = 9
- The time on the digital clock is

- 47 + 30 = ________
- The value of the digit 6 in 63 is ________

Sheet 21 Till lessons 103 & 104 - chapter 5

1 Complete.

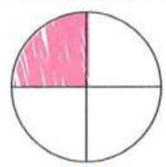
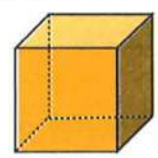
6 $\xrightarrow{+4}$ ____ $\xrightarrow{+7}$ ____ $\xrightarrow{-5}$ ____ $\xrightarrow{+2}$ ____

18 $\xrightarrow{-10}$ ____ $\xrightarrow{+4}$ ____ $\xrightarrow{-3}$ ____ $\xrightarrow{+8}$ ____

3 $\xrightarrow{+6}$ ____ $\xrightarrow{-2}$ ____ $\xrightarrow{-5}$ ____ $\xrightarrow{+2}$ ____

19 $\xrightarrow{-2}$ ____ $\xrightarrow{-7}$ ____ $\xrightarrow{+4}$ ____ $\xrightarrow{-1}$ ____

2 Match.

Quarter   12 o'clock   8 o'clock   Cube

3 Choose.

- The amount

is ________ L.E.

◯ 73 ◯ 90
◯ 93 ◯ 53

- 12 $\xrightarrow{-6}$ 6 $\xrightarrow{+5}$ ________

◯ 11 ◯ 10
◯ 5 ◯ 6

- 72 – 60 = ________

◯ 70 ◯ 22
◯ 32 ◯ 12

- There are ________ halves in a whole one.

◯ 1 ◯ 2
◯ 3 ◯ 4

Sheet 22 Till lessons 105 & 106 - chapter 5

1 Draw notes to show the amounts.

63 L.E.	48 L.E.
73 pounds	80 pounds

2 Solve the following.

- Shady has 55 L.E. He bought a ball for 34 L.E.
  How much money is left with Shady ?

  ____

  ____

- Jina bought a dress for 82 pounds, if she had 98 pounds.
  What is the remainder with Jina ?

  ____

  ____

3 Choose.

- 10 L.E. + 10 L.E. + 1 L.E.
  = ________ L.E.

  ◯ 30 ◯ 20
  ◯ 21 ◯ 11

- 50 L.E. + 5 L.E. + 1 L.E.
  = ________ L.E.

  ◯ 56 ◯ 55
  ◯ 51 ◯ 57

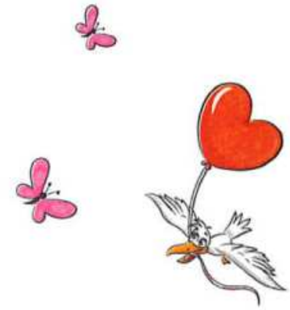
- The time is ________ o'clock.

  ◯ 5 ◯ 6
  ◯ 4 ◯ 7

- 20 L.E. + 20 L.E. + 20 L.E. + 5 L.E.
  = ________ L.E.

  ◯ 60 ◯ 65
  ◯ 75 ◯ 85

Sheet 23 Till lessons 107 to 110 - chapter 5



1 Make a ten to add.

- 7 + 6 = ________ + ________ = ________
- 8 + 9 = ________ + ________ = ________
- 16 + 2 = ________ + ________ = ________
- 12 + 7 = ________ + ________ = ________
- 15 + 4 = ________ + ________ = ________
- 5 + 9 = ________ + ________ = ________

2 Complete.

- 63 L.E. – 41 L.E. = ________ L.E.
- 5 + 11 = ________ + 10 = ________
- 7 $\xrightarrow{+6}$ ________ $\xrightarrow{-4}$ ________ $\xrightarrow{+3}$ ________ $\xrightarrow{-5}$ ________
- 4 + 13 = ________ + 7 = ________
- 20 L.E. + 20 L.E. + 5 L.E. = ________ L.E.

3 Put "> , < or =".

- 7 + 7 ◯ 11 + 3
- 74 L.E. – 44 L.E. ◯ 22 L.E. + 10 L.E.
- 10 L.E + 10 L.E. + 20 L.E. ◯ 50 L.E.
- 15 + 2 ◯ 8 + 7
- 13 + 6 ◯ 10 + 9

Assessment Chapter 5

1 Draw the hour hands on each clock face and write the time on the digital clock.

5 o'clock

8 o'clock

11 o'clock

1 o'clock

3 o'clock

6 o'clock

2 Complete.

7 $\xrightarrow{-3}$ ____ $\xrightarrow{+2}$ ____ $\xrightarrow{-5}$ ____ $\xrightarrow{+__}$ 9

12 $\xrightarrow{+2}$ ____ $\xrightarrow{-6}$ ____ $\xrightarrow{+1}$ ____ $\xrightarrow{-7}$ ____

2 $\xrightarrow{+5}$ ____ $\xrightarrow{-3}$ ____ $\xrightarrow{+__}$ 10 $\xrightarrow{+5}$ ____

3 Make a ten to add.

12 + 6	____ + ____	13 + 4	____ + ____	11 + 5	____ + ____	3 + 12	____ + ____
____	____	____	____	____	____	____	____

4 **Count the amount of money. Write the amount. Draw 😊 if the amount can buy the item. Draw ☹ if the amount can not buy the item.**

______ L.E.

______ L.E.

5 **Solve the following problems.**

- Mary had 56 L.E. She bought a doll for 32 L.E.
  How much money is remained with Mary ?

  ____

  ____

- Samy had 94 L.E. He bought a book for 51 L.E.
  How much money is remained with Samy ?

  ____

  ____

6 **Write (✓) to the correct statement and (✗) to the incorrect statement.**

- 15 + 2 = 10 + 7 = 17 ( )
- 57 L.E = 20 L.E. + 20 L.E + 5 L.E + 1 L.E + 1 L.E. ( )
- $12 \xrightarrow{-2} 10 \xrightarrow{+3} 13 \xrightarrow{-6} 7 \xrightarrow{+2} 9$ ( )
- The day is 12 hours. ( )
- If it is 8 o'clock in the morning, we say that 8 A.M. ( )

Accumulative Assessment
Till Chapter 5

1 **Complete the following.**

- The place value of the digit 2 in 24 is ________ and its value is ________
- ________ is 1 more than 40
- 17 , 27 , 37 , 47 , ________ , ________ , ________
- Tho opposite clock shows ________ o'clock.
- There are ________ quarters in one whole.

2 **Put "> , < or =".**

- 53 ◯ 91
- 30 + 4 ◯ 40 + 3
- 12 + 5 ◯ 10 + 6
- 60 + 7 ◯ 7 tens, 6 ones

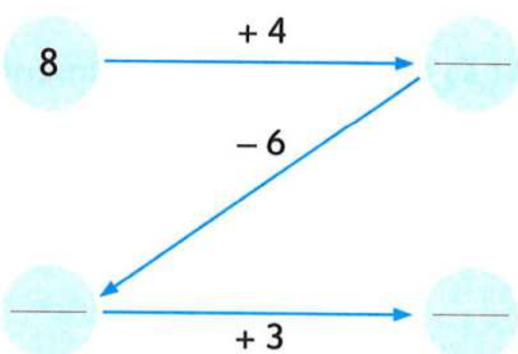
3 **Arrange the following numbers from least to greatest.**

77 , 17 , 91 , 97 , 79

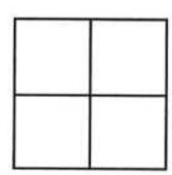
The order is : ____ , ____ , ____ , ____ , ____

4 **Draw a pencil taller than the drawn pencil.**

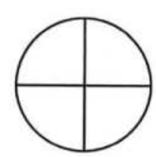
5 **Complete the following.**



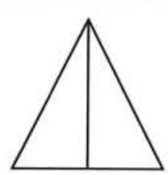
6 **Color according to the fraction.**



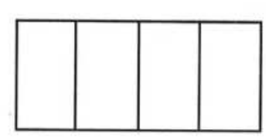
Half



Three fourths



One whole



Quarter

7 Choose the correct answer.

- The number of flowers in the vase is ______ (2 **or** 3)
- 81 > ______ (79 **or** 97)
- are ______ L.E. (76 **or** 71)
- − = ______ L.E. (90 **or** 80)
- The number of edges of square-based pyramid is ______ (8 **or** 5)
- 6 + 13 = ______ + 10 (19 **or** 9)

8 Find the result.

13	54	49	72	26	6
+ 4	− 20	+ 30	− 60	− 20	+ 11
____	____	____	____	____	____

9 Solve the following problem.

- Amira had 75 pounds, she gave her sister 30 pounds.
  How much money is remained with Amira ?

  ____

  ____

- Bassem had 93 pounds. He bought a ball for 22 pounds.
  How much money is remained with Bassem ?

  ____

  ____

10 Write (✓) to the correct statement and (✗) to the incorrect statment.

- 61 is 1 less than 60 ( )
- 80 + 3 = 38 ( )
- Cube has 12 edges. ( )
- Square has 3 corners. ( )
- 29 = 2 tens , 9 ones ( )
- Cylinder has 2 circular bases. ( )

11 What is the time ?

______ o'clock

______ o'clock

______ o'clock

______ o'clock

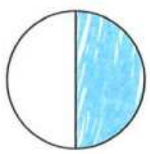
Sheet 24

Till lessons 111 to 113 - chapter 6

1 Complete.

- 75 is 1 more than ______
- ______ is 1 less than 40
- 69 is 1 less than ______
- ______ is 10 more than 37
- ______ is 10 less than 81
- 53 is 10 more than ______

2 Write the fraction according to the colored parts.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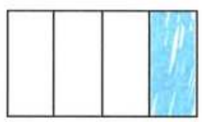
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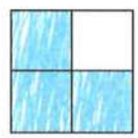
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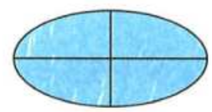
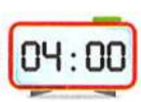

______

3 Write (✓) to the correct statement and (✗) to the incorrect statement.

- 24 = 20 + 4 ( )
- Cuboid has 6 faces and all its faces are square. ( )
- – = 99 L.E. ( )
- 15 + 4 = 10 + 6 ( )
- represented the time as  ( )
- 82 > 71 > 69 > 90 ( )

Sheet 25 Till lessons 114 to 115 - chapter 6

1 Add.

27 + 21	62 + 17	46 + 33	13 + 71
____	____	____	____

2 Complete.

- 34 + 5 = ______
- 9 + 13 = ______
- 56 + 32 = ______
- 18 is 10 more than ______

3 Choose.

- 6 is 10 less than ______
  - ◯ 16 ◯ 26
  - ◯ 36 ◯ 46
- 12 + 76 = ______
  - ◯ 78 ◯ 86
  - ◯ 98 ◯ 88
- ______ is 1 less than 20
  - ◯ 21 ◯ 19
  - ◯ 18 ◯ 22
- 58 + 10 = ______
  - ◯ 50 ◯ 60
  - ◯ 68 ◯ 78
- 23 + 71 = ______
  - ◯ 94 ◯ 90
  - ◯ 97 ◯ 92
- 60 + 28 = ______
  - ◯ 80 ◯ 86
  - ◯ 88 ◯ 82

Sheet 26 Till lesson 116 - chapter 6

1 Complete the following number sequences.

- 2 , 7 , 12 , ______ , ______ , ______
- 19 , 20 , ______ , 22 , ______ , ______
- 26 , ______ , 46 , 56 , ______ , ______
- ______ , ______ , ______ , 60 , 70 , 80
- 38 , 40 , ______ , ______ , ______ , 48

2 Decompose the following numbers into tens and ones.

28 → ______ , ______

52 → ______ , ______

90 → ______ , ______

17 → ______ , ______

3 Complete.

- The greatest number of the numbers 38 , 83 , 75 , 57 is ______
- 24 + 62 = ______
- 47 = 40 + ______
- 60 is 10 less than ______
- 72 = ______ + 2
- ______ is one more than 69

Sheet 27 Till lessons 117 to 120 - chapter 6

1 Find the missing numbers.

- 3 + 5 = ______
- ______ + 5 = 8
- 8 − 3 = ______
- 8 − ______ = 3
- 12 + 7 = ______
- 12 + ______ = 19
- 19 − ______ = 7
- ______ − 7 = 12

2 Subtract.

- 77 − 44 = ______
- 63 − 42 = ______
- 89 − 19 = ______
- 96 − 55 = ______

3 Complete.

- ______ is 1 less than 68
- 79 − 62 = ______
- 82 + 15 = ______
- 36 is 10 more than ______

4 Circle 78 pounds.

Assessment Chapter 6

1 Complete the numbers.

	10 less	
1 less ____	57	____ 1 more
	10 more	

	10 less	
1 less ____	32	____ 1 more
	10 more	

	– 10	
–1 ____	15	____ +1
	+ 10	

	– 10	
–1 ____	74	____ +1
	+ 10	

2 Find the result.

23	41	52	83	76	92
+ 5	+ 37	+ 14	– 11	– 42	– 2
____	____	____	____	____	____

6 + 21 = ______

31 + 7 = ______

44 + 5 = ______

34 + 12 = ______

61 + 28 = ______

53 + 35 = ______

69 – 33 = ______

78 – 36 = ______

94 – 81 = ______

3 Complete the following number sequences.

- 10 , 20 , ______ , ______ , 50, 60 , ______ , 80 , ______ , 100
- 63 , 64 , ______ , 66 , ______ , 68 , 69 , ______ , ______
- ______ , 15 , 25 , ______ , ______ , ______ , 65 , ______ , 85 , ______
- ______ , 72 , 71 , ______ , ______ , 68 , ______ , 66 , 65 , ______

4 Decomopse the following two-digit numbers.

62	81	29	17	54
___ ___	___ ___	___ ___	___ ___	___ ___

5 Use the following numbers and write the fact family for each.

9 4 13	7 8 15	6 5 11
___ + ___ = ___	___ + ___ = ___	___ + ___ = ___
___ + ___ = ___	___ + ___ = ___	___ + ___ = ___
___ − ___ = ___	___ − ___ = ___	___ − ___ = ___
___ − ___ = ___	___ − ___ = ___	___ − ___ = ___

6 Add or subtract. Write the answer. Put "< , > or =".

51 + 30 ☐	◯	70 + 10 ☐
89 − 32 ☐	◯	7 ones , 5 tens ☐
66 − 26 ☐	◯	21 + 20 ☐
72 + 16 ☐	◯	88 − 8 ☐

7 Write (✓) to the correct statement and (✗) to the incorrect statement.

- 61 is 10 less than 51 ( )
- 93 − 11 = 84 ( )
- 2 + 17 = 19 ( )
- 49 = 4 tens , 9 ones ( )
- 53 is 10 more than 52 ( )
- 61 + 16 = 77 ( )
- 9 + 6 = 16 ( )

Accumulative Assessment
Till Chapter 6

1 **Find the results.**

44 + 5 = …… 18 − 8 = …… 32 + 64 = …… 97 − 25 = ……

58	7	24	67	88	72	27
+ 20	+ 11	+ 63	− 32	− 48	− 50	− 16
……	……	……	……	……	……	……

2 **Choose the correct answer.**

- …… has 1 circular base.
  - ◯ Cube ◯ Cuboid
  - ◯ Cylinder ◯ Cone

- The greatest 2-digit number formed from the digits 7 , 2 , 6 is ……
  - ◯ 72 ◯ 67
  - ◯ 62 ◯ 76

- …… > 54
  - ◯ 51 ◯ 29
  - ◯ 15 ◯ 92

- 13 + 4 = ……
  - ◯ 7 + 7 ◯ 7 + 4
  - ◯ 7 + 10 ◯ 17 + 10

- Half is represented as ……
  - ◯ ◯
  - ◯ ◯

- can buy ……
  - ◯

  - ◯

  - ◯

  - ◯

3 **Arrange the following numbers from least to greatest.**

12 , 62 , 9 , 74 , 83

The order is : …… , …… , …… , …… , ……

4 **Draw the hands and write the time to show 7 o'clock.**

5 Solve the following problem.

Sara had 85 pounds. She bought some fruits. 60 pounds remained with her. How much money did Sara pay ?

____

____

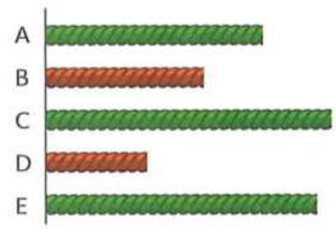
6 Use the picture and complete.

- Dina is behind ________
- Hany is in front of ________
- Rana is in the ________ place.
- Amgad is in the ________ place.
- The second child is ________
- There are ________ children in front of Amir and ________ children behind Amir.

7 Complete the fact family.

8	9	17
____ + ____ = ____		
____ + ____ = ____		
____ – ____ = ____		
____ – ____ = ____		

8 Arrange the lengths from the tallest to the shortest.

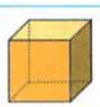
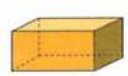


____ ____ ____ ____ ____

9 Put "> , < or =".

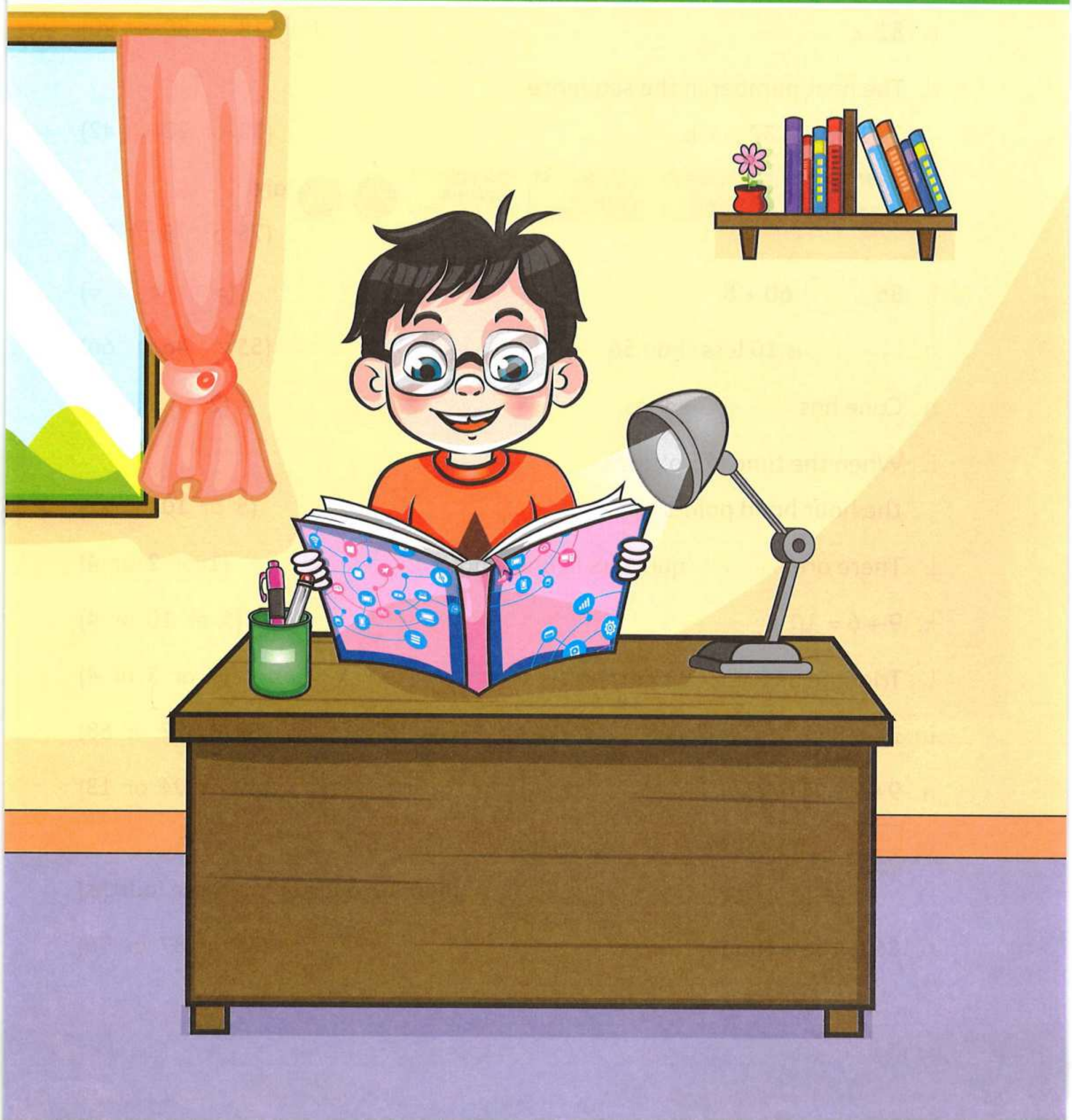
- 64 ◯ 46
- 82 ◯ 80 + 2
- 4 tens , 9 ones ◯ 26 + 33
- 13 + 36 ◯ 97 – 54

10 Match.

Square · Square-based pyramid · Cone · Cube · Cuboid · Cylinder · Sphere

General Revision



General Revision

1 **Choose the correct answer.**

a. ________ is 1 more than 29 (28 or 30 or 39)

b. The value of the digit 7 in 73 is ________ (7 or 70 or 77)

c. 81 < ________ (18 or 80 or 90)

d. The next number in the sequence :

2 , 12 , 22 , 32 , ... is ________ (33 or 22 or 42)

e. are ________

(75 or 78 or 73)

f. 86 ☐ 60 + 8 (> or < or =)

g. ________ is 10 less than 56 (55 or 46 or 66)

h. Cone has ________ edges. (2 or 3 or 0)

i. When the time is 5 o'clock,

the hour hand points to ________ (5 or 10 or 12)

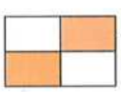
j. There are ________ quarters in one whole. (1 or 2 or 4)

k. 9 + 6 = 10 + ________ (5 or 10 or 4)

l. Triangle has ________ corners. (2 or 3 or 4)

m. 24 + 35 = ________ (59 or 77 or 68)

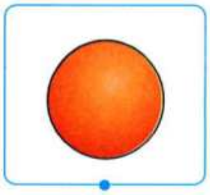
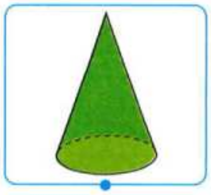
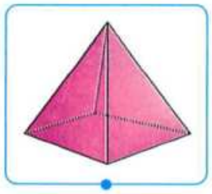
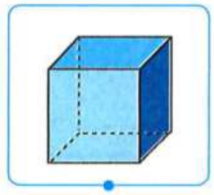
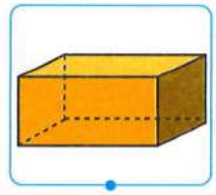
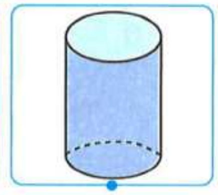
n. 9 tens , 4 ones = ________ (49 or 94 or 13)

o.  The colored part represents ________

(half or quarter or three fourths)

p. 86 is 1 less than ________ (85 or 87 or 96)

2 Match.

Square-based pyramid	Sphere	Cone	Cylinder	Cube	Cuboid

3 Find the results.

a.	b.	c.	d.	e.	f.	g.
82	74	19	21	3	53	38
− 20	+ 5	+ 30	+ 8	+ 64	− 42	− 36
____	____	____	____	____	____	____

h.	i.	j.	k.	l.	m.	n.
64	88	32	9	48	12	59
− 60	− 44	+ 55	+ 90	− 31	+ 75	− 19
____	____	____	____	____	____	____

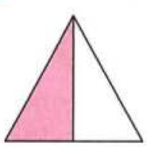
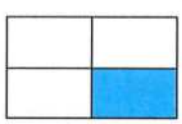
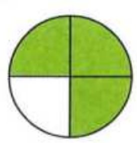
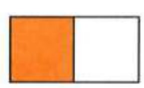
o. 23 + 45 = ______ p. 22 + 12 = ______ q. 99 – 54 = ______

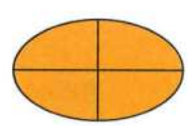
r. 7 + 12 = ______ s. 94 – 20 = ______ t. 46 – 23 = ______

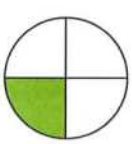
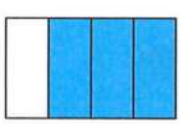
u. 16 + 42 = ______ v. 76 – 70 = ______ w. 6 + 32 = ______

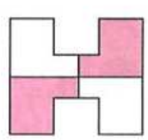
x. 43 – 33 = ______ y. 62 – 21 = ______ z. 15 + 31 = ______

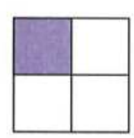
4 Write the represted fraction according to the colored parts.







5 Arrange the following numbers in an ascending order.

a. 71 , 77 , 70 , 7 , 17

The order is : ______ , ______ , ______ , ______ , ______

b. 54 , 32 , 68 , 94 , 27

The order is : ______ , ______ , ______ , ______ , ______

c. 63 , 58 , 52 , 68 , 49

The order is : ______ , ______ , ______ , ______ , ______

6 Arrange the following numbers in a descending order.

a. 28 , 82 , 22 , 87 , 68

The order is : ______ , ______ , ______ , ______ , ______

b. 45 , 21 , 57 , 75 , 47

The order is : ______ , ______ , ______ , ______ , ______

c. 99 , 19 , 90 , 91 , 10

The order is : ______ , ______ , ______ , ______ , ______

7 Where is the dog ? Choose the correct relative positions.

below the chair / above the chair	is going up / is going down	behind the house / in front of the house	on the right / on the left
in the house / out the house	above the house / below the house	on the right / on the left	is going up / is going down

8 Write the order of the circled figure (start from the arrow).

______ ______

______ ______

______ ______

______ ______

______ ______

______ ______

9 Count the following amounts.

a.

______ L.E.

b.

______ L.E.

c.

______ L.E.

d.

______ L.E.

e.

______ L.E.

f.

______ L.E.

10 Complete.

a. 7 $\xrightarrow{-2}$ ____ $\xrightarrow{+10}$ ____ $\xrightarrow{-3}$ ____ $\xrightarrow{+6}$ ____

b. 8 $\xrightarrow{+\ __}$ 16 $\xrightarrow{-4}$ ____ $\xrightarrow{+6}$ ____ $\xrightarrow{-5}$ ____

c. ____ $\xrightarrow{+2}$ 10 $\xrightarrow{+9}$ ____ $\xrightarrow{-2}$ ____ $\xrightarrow{-7}$ ____

11 Draw the clock hands on analog clock, write the time on digital clock to show the given time.

a. 7 o'clock

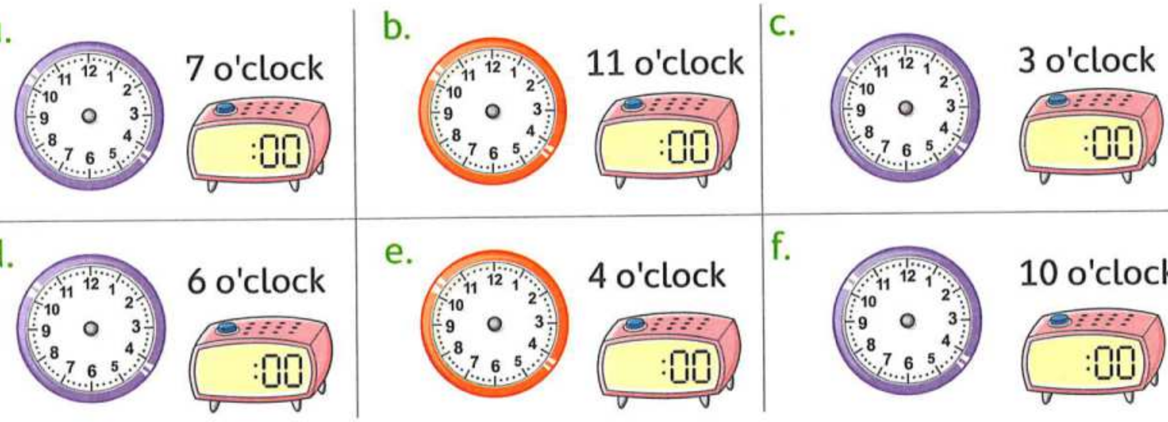
b. 11 o'clock

c. 3 o'clock

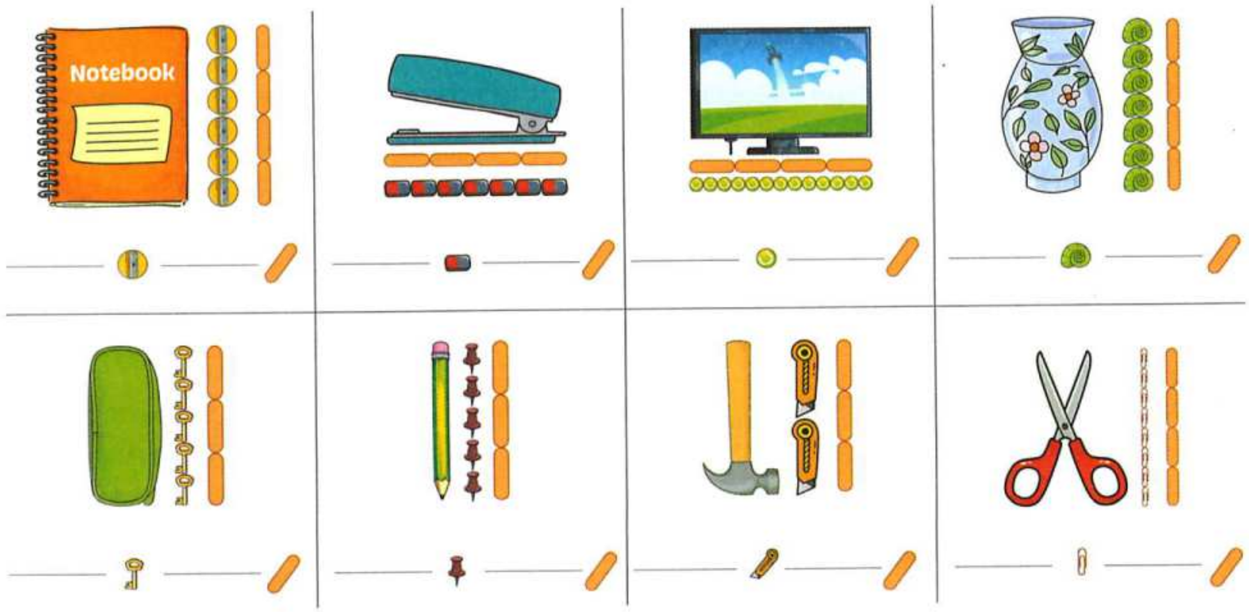
d. 6 o'clock

e. 4 o'clock

f. 10 o'clock



12 What is the length of each of the following ?



13 Match to make a 10.

5	7	9	6	2	10
0	5	3	8	1	4

14 Write the fact family for each.

5 8 13	4 6 10	8 9 17
___ + ___ = ___	___ + ___ = ___	___ + ___ = ___
___ + ___ = ___	___ + ___ = ___	___ + ___ = ___
___ − ___ = ___	___ − ___ = ___	___ − ___ = ___
___ − ___ = ___	___ − ___ = ___	___ − ___ = ___

15 Use the picture to complete.

a. The first child is ______

b. Dina is standing behind ______

c. Mina is standing in front of ______

d. The third child is ______

e. Bassem is in the ______ place.

f. There are ______ children behind Mina and ______ children in front of Mina.

16 Complete the following missing numbers.

a. 7 , 17 , 27 , ______ , ______ , ______ , ______

b. ______ , 20 , 30 , ______ , ______ , 60 , ______

c. 95 , 85 , ______ , ______ , 55 , ______ , ______

d. ______ , 52 , 51 , ______ , ______ , ______ , 47 , ______

e. 63 , 64 , ______ , 66 , ______ , ______ , 69 , ______

f. ______ , 80 , ______ , 78 , 77 , ______ , 75 , ______

17 Put "> , < or =".

a. 64 ◯ 46

b. 97 – 15 ◯ 51 + 34

c. 72 ◯ 7 + 20

d. 36 + 61 ◯ 99 – 7

e. 58 ◯ 8 ones , 5 tens

f. 79 – 70 ◯ 68 – 60

g. 42 ◯ 32 + 20

h. 49 – 24 ◯ 12 + 13

18 Write (✓) to the correct statement and (✗) to the incorrect statement.

a. Cube has 12 edges. (   )

b. 30 + 7 = 7 tens , 3 ones (   )

c. Cylinder has 2 circular bases. (   )

d. Square has 4 corners and 4 sides. (   )

e. The day is 12 hours. (   )

f. 72 is 10 more than 82 (   )

g. We say 10 o'clock when the minute hand points at 10 (   )

h. There are 2 halves in one whole. (   )

i. 1 and 8 make 9 (   )

j. Square-based pyramid has 6 corners. (   )

k. are 100 L.E. (   )

l. 80 – 30 = 5 ones (   )

19 Show the following amounts.

42 L.E.	67 L.E.	85 L.E.

20 Solve the following problems.

a. Ahmed has 8 red fish. He added some yellow fish so that the total number of fish became 14.
Find the number of yellow fish.

____

b. Sara backed 17 cupcakes. She sold some of them and the left with her is 8.
How many cupcakes did Sara sell ?

____

c. Bassem has 60 L.E. He bought a toy for 25 L.E.
How much money is remained with Bassem ?

____

d. Amir had 82 L.E. He bought some fruits. The remained was 40 L.E.
How much money did Amir spend ?

____

e. Mona has 66 L.E. She gave her sister 30 L.E.
How much money is remained with Mona ?

____

f. Sylvia has 39 L.E. She bought some sweets for 15 L.E.
How much money is remained with Sylvia ?

____

g. Ramy has 100 L.E. He bought a book for 35 L.E.
How much money is remained with Ramy ?

____

21 Decompose each of the following.

27 | 43 | 68 | 86

19 | 54 | 71 | 92

22 Use the picture and complete.

a. The tallest child is ______

b. The shortest child is ______

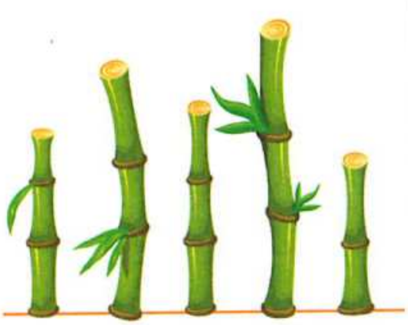
c. Tamer is on the left of ______

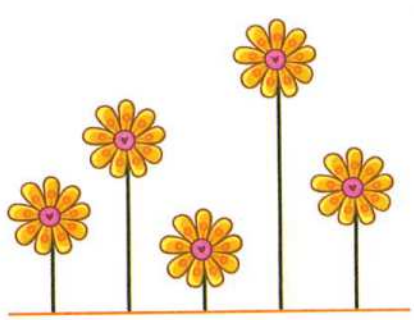
d. ______ is on the left of Adham.

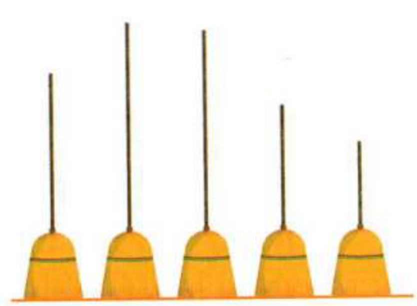
e. Shady is on the ______ of Tamer.

f. There are ______ children on the right of Adham and ______ children on the left of Adham.

23 Arrange the following lengths from the tallest to the shortest.







24 Use 8 , 5 , 3 and do the following steps

- **Make as many two-digit numbers as you can.**

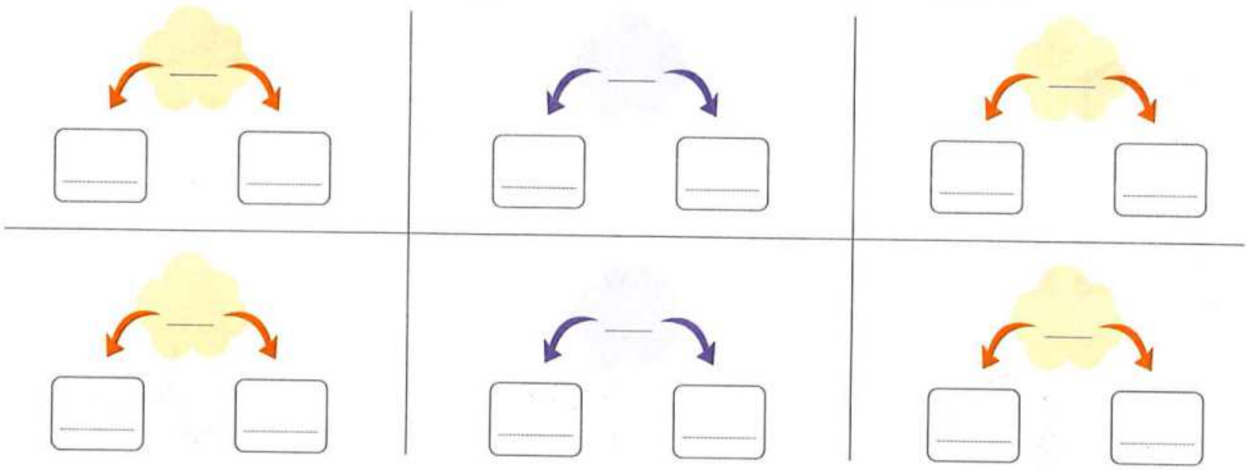
_____ , _____ , _____ , _____ , _____ , _____

- **Answer the questions.**

Which is the smallest number ? ☐

Which is the greatest number ? ☐

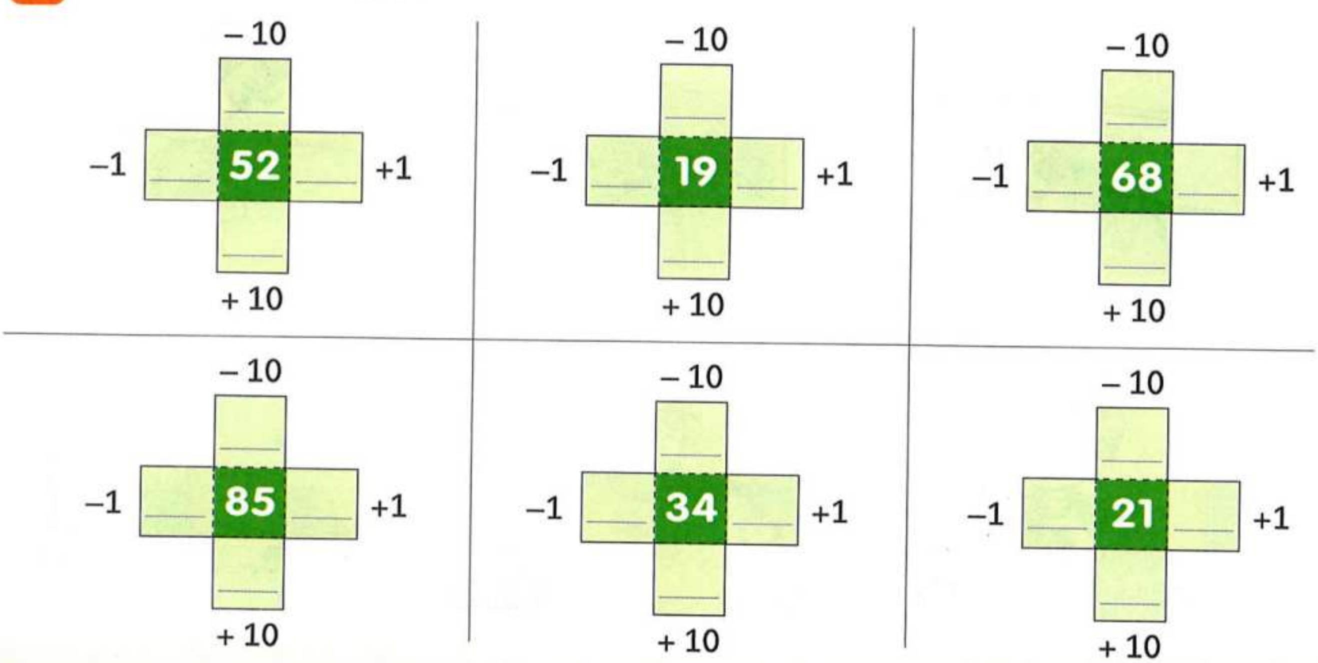
- **Decompose each two-digit number into tens and ones.**



- **Arrange the numbers from least to greatest.**

_____ , _____ , _____ , _____ , _____ , _____

25 Write the numbers.



26 Circle the amount of money you need exactly to buy each item.

27 Write 1st, 2nd or 3rd to show what happened.

28 Complete the following.

a. The value of the digit 6 in 46 is ______

b. ______ has 1 circular base.

c. Rectangle has ______ corners.

d. 20 L.E. + 20 L.E. + 10 L.E. + 5 L.E. + 1 L.E. = ______ L.E.

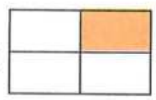
e. 74 – 32 = ______

f. The place value of the digit 8 in 18 is ______

g. ______ + 7 = 17

h. The time is

is ______ o'clock.

i. The fraction of the shaded part in  is ______

j. 25 = ______ tens + ______ ones

k. The ball is ______ the box.

l. There are ______ halves in one whole.

m. ______ is 10 less than 53

n. The cone has ______ edges.

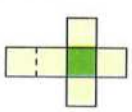
o. 12 + 75 = ______

p. 60 , 61 , 62 , ______ , ______ , ______

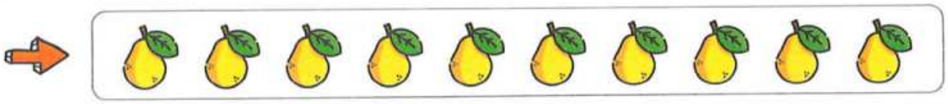
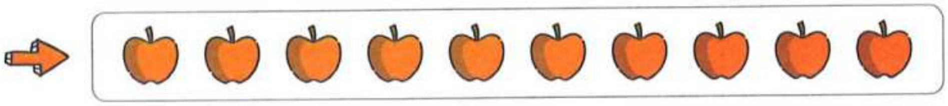
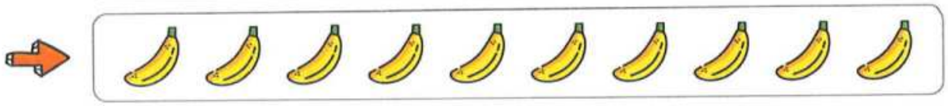
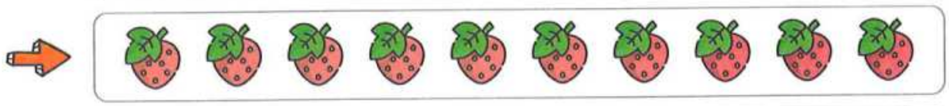
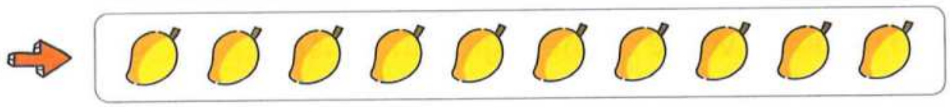
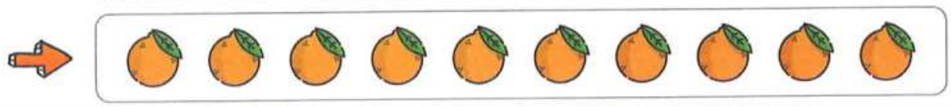
q. The name of the figure is ______

r. The number of edges of the square-based pyramid is ______

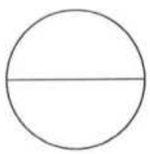
s. ______ > 35

t. The net  shows a ______

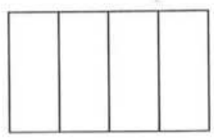
29 Circle the figure according to the given order. (Start from the arrow)

- Second 
- Fourth 
- Ninth 
- Third 
- Seventh 
- First 

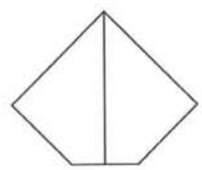
30 Color according to the given fraction.



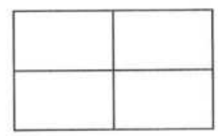
Half



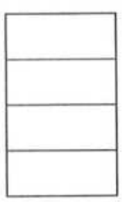
Quarter



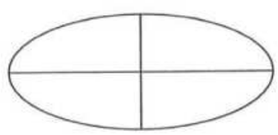
One whole



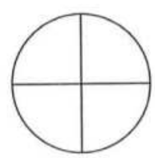
Three fourths



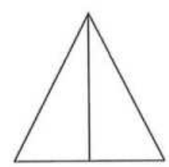
One fourth



One whole

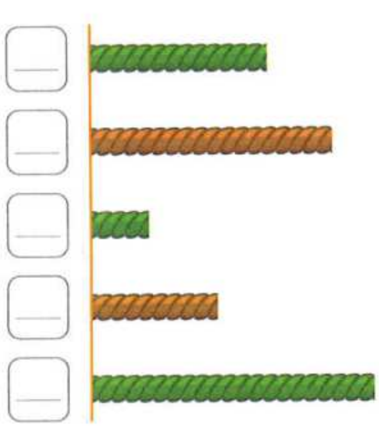


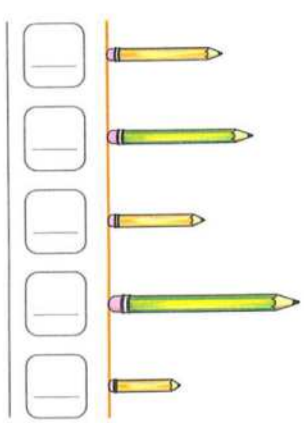
Two fourths

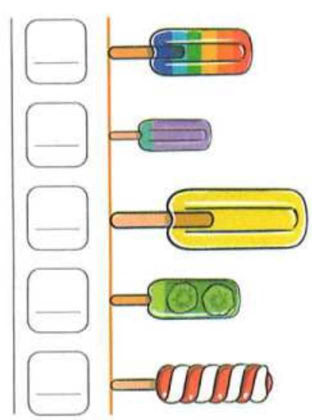


Half

31 Arrange the following lengths from the shortest to the tallest.







Final Assessments

• In these final assessments your child will review on all what he/she had learned in second term.

Assessment 1

1 Choose.

a. 64 is one less than ______

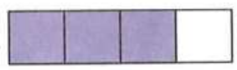
◯ 63 ◯ 64 ◯ 65 ◯ 66

b. ______ + 6 = 10

◯ 6 ◯ 5 ◯ 4 ◯ 10

c. The square has ______ sides.

◯ 0 ◯ 3 ◯ 4 ◯ 5

d. The fraction of the shaded part  is ______

◯ quarter. ◯ two quarters.

◯ half. ◯ three quarters.

e. 69 L.E. ______ 74 L.E.

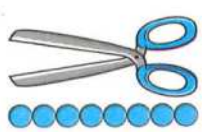
◯ $>$ ◯ $<$ ◯ =

f. 47 – 20 = ______

◯ 27 ◯ 37 ◯ 57 ◯ 67

2 Complete.

a. 13 + 54 = ______

b. The length of  is ______

c. → The order of the boat is ______

d. The value of the digit 7 in 76 is ______

e. 70 – 50 = ______

f. The name of the solid is ______

3 Answer the following.

a. Complete the sequence.

41 , 42 , 43 , ______ , ______

b. In a bus there are 8 boys and 11 girls.

How many children are in the bus ?

____

____

c. Vera has 17 pounds, she gave her brother 6 pounds.

How much money with Vera now ?

____

____

d. **Count backward.**

70 , 69 , 68 , ______ , ______ , ______

4 Join to make your schedule.

You wake up at ______	7 P.M.
You go to school at ______	9 P.M.
You finish school at ______	6 A.M.
You eat your dinner at ______	7 A.M.
You go to sleep at ______	2 P.M.

Assessment 2

1 Choose.

a. The day has ________ hours.

◯ 25 ◯ 24 ◯ 26 ◯ 28

b. 14 + 5 = ________

◯ 10 + 8 ◯ 11 + 3 ◯ 10 + 9 ◯ 10 + 7

c. The length of is ________

◯ 2 ◯ 3 ◯ 4 ◯ 5

d. The bird is ________ the cage.

◯ in ◯ out ◯ behind ◯ below

e. The amount is ________ L.E.

◯ 73 ◯ 63 ◯ 52 ◯ 25

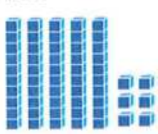
f. Each face of the cube is a ________

◯ rectangle ◯ triangle ◯ square ◯ circle

---

2 Complete.

a. 16 – ________ = 6

b.  = ________

c. ________ is taller than ________

d. 79 is 1 less than ________

e. The time

is ________ o'clock.

f. 50 – 20 = ________

3 Answer the following.

a. **Arrange the following numbers from the greatest to the least.**

48 , 29 , 16 , 51 , 37

______ , ______ , ______ , ______ , ______

b. **Complete.**

17 —(− 7)→ ______ —(+ 3)→ ______ —(+ 2)→ ______ —(− 4)→ ______

c. Draw the hands to show the time

d. **Decompose the following numbers.**

38 → ______ , ______

76 → ______ , ______

17 → ______ , ______

99 → ______ , ______

4 Write the missing numbers in each sequence.

- 10 , 11 , 12 , ______ , ______ , ______
- 15 , 25 , ______ , ______ , ______ , 65

Assessment 3

1 Choose.

a. ______ is less than 57.

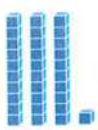
○ 58 ○ 40 ○ 59 ○ 70

b. The cube has ______ edges.

○ 6 ○ 8 ○ 12 ○ zero

c. 22 is 1 more than ______

○ 21 ○ 23 ○ 20 ○ 24

d.  = ______

○ 30 ○ 13 ○ 10 ○ 31

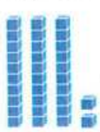
e. 8 tens – 6 tens = ______ tens.

○ 1 ○ 2 ○ 3 ○ 4

f. 11 + ______ = 17

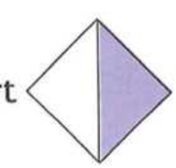
○ 6 ○ 5 ○ 7 ○ 9

2 Complete.

a.  = ______ tens + ______ ones.

b. The place value of 3 in 35 is ______

c. 94 – 70 = ______

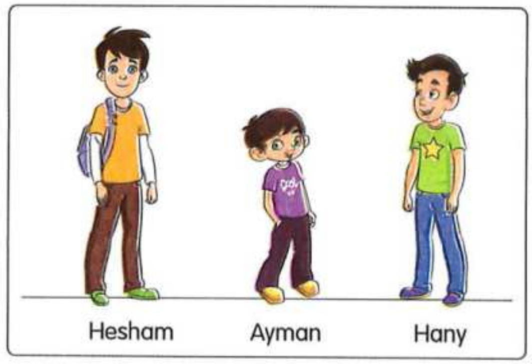
d. The fraction of the shaded part  is ______

e. ______ + 5 = 8

f. 20 L.E. + 10 L.E. + 5 L.E. + 1 L.E. = ______ L.E.

3 Answer the following.

a. **Write the suitable name.**



- Hany is on the left of ________
- ________ is the tallest one.
- ________ is on the right of Ayman.
- ________ is the shortest one.

b. Draw notes to show 77 L.E.

c. **Count forward.**

72 , 73 , ________ , ________ , 76 , ________

d. Mina has 5 books, he bought some books. Mina now has 14 books.
How many books did he buy ?

____

____

4 Draw.

- Triangle
- Rectangle

Assessment 4

1 Choose.

a. 29 L.E. – 20 L.E. = ______ L.E.

◯ 9 ◯ 40 ◯ 49 ◯ 50

b. 43 < ______

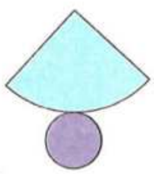
◯ 45 ◯ 42 ◯ 39 ◯ 29

c. The circle has ______ corners.

◯ 0 ◯ 1 ◯ 3 ◯ 4

d. 6 + ______ = 18

◯ 11 ◯ 12 ◯ 13 ◯ 14

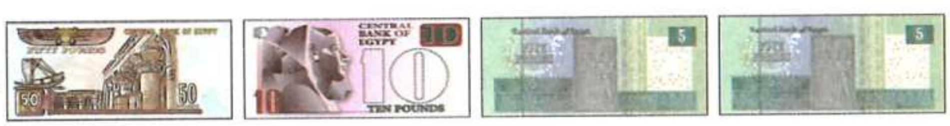
e. The net  shows a ______

◯ cube ◯ cone ◯ cuboid ◯ cylinder

f. 53 is 10 less than ______

◯ 63 ◯ 43 ◯ 73 ◯ 83

2 Complete.

a. The amount 

is ______ L.E.

b. 17 – 13 = ______

c. The bird is ______ the nest.

d. The value of 9 in the number 39 is ______

e. The triangle has ________ sides.

f. The whole one has ________ quarters.

3 Answer the following.

a. Complete.

- The first one is ________
- Mai is behind ________
- Petra is in front of ________
- The 4th one is ________

b. Put " > , < or = ".

- 39 L.E. ◯ 41 L.E.
- 6 tens + 3 ones ◯ 29 + 30
- 51 ◯ 92 – 40
- 74 ◯ 12 + 7

c. Arrange from the least to the greatest.

30 , 68 , 43 , 15 , 56

________ , ________ , ________ , ________ , ________

4 Complete each fact family.

- 2 + 7 = ________
- 7 + ________ = 9
- 9 – ________ = 2
- ________ – 2 = 7

- ________ + 8 = 14
- 6 + 8 = ________
- 14 – 6 = ________
- 14 – ________ = 6

Assessment 5

1 Choose.

a. 64 > ______

◯ 71 ◯ 59 ◯ 80 ◯ 92

b. 3 tens + 5 ones = ______

◯ 35 ◯ 53 ◯ 30 ◯ 50

c. The rectangle has ______ corners.

◯ 4 ◯ 3 ◯ 5 ◯ 6

d. ______ is 10 more than 18.

◯ 8 ◯ 19 ◯ 28 ◯ 38

e. The solid is a ______

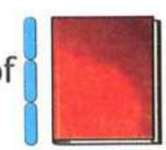
◯ cube ◯ pyramid ◯ cylinder ◯ sphere

f. 30 + 50 = ______

◯ 80 ◯ 70 ◯ 90 ◯ 20

2 Complete.

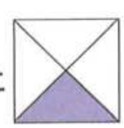
a. The time is ______ o'clock.

b. The length of  is ______

c. 13 – ______ = 3

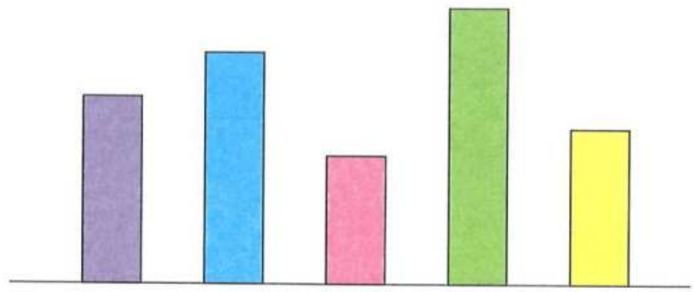
d. 23 + 51 = ______

e. 7 is 1 less than ______

f. The fraction of the shaded part  is ______

3 Answer the following.

a. Arrange from the tallest to the shortest.

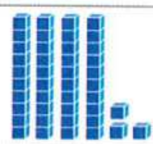
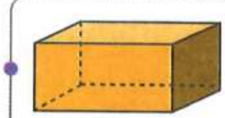


( ) ( ) ( ) ( ) ( )

b. Count backward.

49 , 48 , ________ , 46 , ________ , ________

c. Match.

second	43
cuboid	6 + 7
	2nd
4 + 9	

4 Write the name of each shape.

- A shape with 3 corners is called a ________
- A solid with 8 edges and 1 pointy top is called a ________
- A shape with 4 sides equal in length is called a ________

Assessment 6

1 Choose.

a. The triangle has ________ corners.

◯ zero ◯ 2 ◯ 3 ◯ 4

b. 38 ________ 29

◯ < ◯ > ◯ =

c. 40 – 10 = ________

◯ 30 ◯ 35 ◯ 25 ◯ 50

d. 20 L.E. + 20 L.E. + 1 L.E. = ________ L.E.

◯ 40 ◯ 50 ◯ 41 ◯ 31

e. The name of the solid is a ________

◯ pyramid ◯ sphere ◯ cone ◯ cuboid

f. The time

is ________ o'clock.

◯ 12 ◯ 11 ◯ 10 ◯ 9

2 Complete.

a. 58 – 45 = ________

b. The place value of 8 in 89 is ________

c. 2 tens + 3 ones = ________

d. There are ________ quarters in one half.

e. 4 + ________ = 7

f. ________ is 10 less than 15

3 **Answer the following.**

a. There are 17 carrots, a rabbit ate 6 carrots.

How many carrots are remained ?

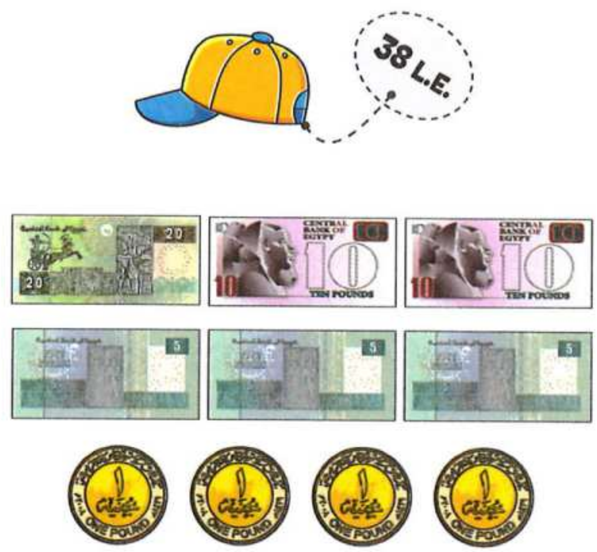
____

____

b. **Complete.**

18 $\xrightarrow{+1}$ ____ $\xrightarrow{-7}$ ____ $\xrightarrow{+3}$ ____

4 **Circle the amount of money you need to buy each item.**



Assessment 7

1 Choose.

a. 35 is greater than ______

◯ 39 ◯ 29 ◯ 45 ◯ 50

b. 3 + ______ = 10

◯ 5 ◯ 6 ◯ 7 ◯ 8

c. The day has ______ hours.

◯ 20 ◯ 22 ◯ 24 ◯ 26

d. The cube has ______ flat faces.

◯ 12 ◯ 8 ◯ 6 ◯ 4

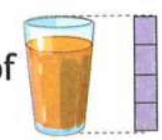
e. 88 L.E. – 71 L.E. = ______ L.E.

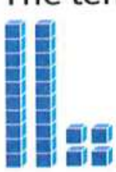
◯ 17 ◯ 18 ◯ 19 ◯ 20

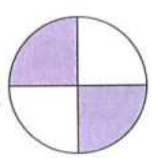
f. 26 < ______

◯ 62 ◯ 25 ◯ 20 ◯ 19

2 Complete.

a. The length of  is ______

b.  = ______

c. The fraction of the shaded part  is ______

d. The dog is ______ the house.

e. 9 – ______ = 4

f. The time

is ______ o'clock.

3 Answer the following.

a. **Draw.**

- Triangle
- Square

b. Hanan has 45 colored marbles, she gave her sister 21 marbles.
How many marbles does she have now ?

____

____

c. **Arrange from the greatest to the least.**

38 , 52 , 17 , 45 , 20

______ , ______ , ______ , ______ , ______

4 Draw notes to show 53 pounds.

Assessment 8

1 Choose.

a. ______ is one less than 71.

◯ 72 ◯ 69 ◯ 70 ◯ 73

b. 9 + 7 = ______

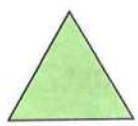
◯ 10 + 7 ◯ 10 + 6 ◯ 10 + 5 ◯ 10 + 9

c. 7 tens – 3 tens = ______ tens.

◯ 4 ◯ 5 ◯ 3 ◯ 6

d. 59 > ______

◯ 60 ◯ 75 ◯ 81 ◯ 30

e. The name of the figure  is ______

◯ square ◯ rectangle ◯ triangle ◯ circle

f. 40 + 30 = ______

◯ 60 ◯ 70 ◯ 80 ◯ 90

2 Complete.

a. There are ______ halves in a whole one.

b. The order of the tiger is ______

c. 63 is 10 more than ______

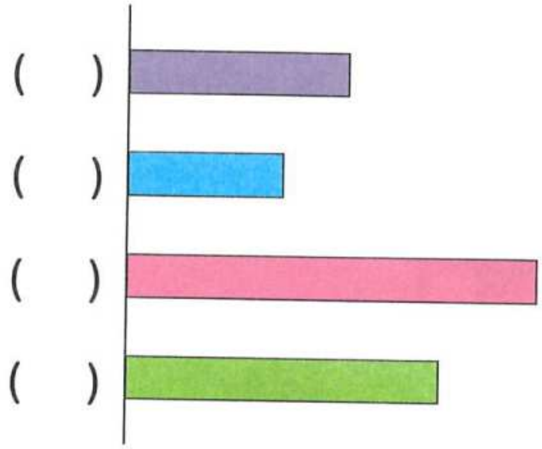
d. The place value of 8 in 83 is ______

e. The amount = ______ L.E.

f. 14 + 73 = ______

3 Answer the following.

a. **Arrange from the shortest to the tallest.**



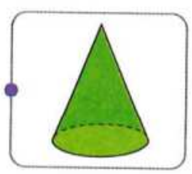
b. **Complete the sequence.**

45 , 55 , 65 , ______ , ______ , ______

c. **Decompose the following numbers.**

89	21
______ ______	______ ______

4 Match.

80 – 60	
First	76
Cone	20
7 tens + 6 ones	1st

Assessment 9

1 Choose.

a. 74 L.E. ______ 39 L.E.

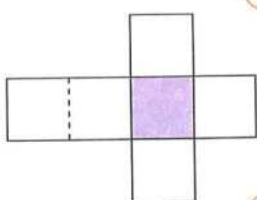
◯ >   ◯ <   ◯ =

b. The cat is ______ the table.

◯ on   ◯ out   ◯ below   ◯ behind

c. 7 + 8 = ______

◯ 14   ◯ 15   ◯ 16   ◯ 17

d. The net  shows a ______

◯ cube   ◯ cuboid   ◯ cone   ◯ cylinder

e. 5 tens + 6 ones = ______

◯ 56   ◯ 65   ◯ 11   ◯ 60

f. 10 L.E. + 10 L.E. + 5 L.E. + 1 L.E. = ______ L.E.

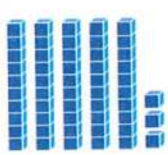
◯ 35   ◯ 20   ◯ 25   ◯ 26

---

2 Complete.

a. The value of 4 in 34 is ______

b. 17 – ______ = 11

c.  = ______ tens + ______ ones

d. The cone has ______ edges.

e. ______ is 1 more than 17

f. 38 – 25 = ______

3 Answer the following.

a. Complete.

3 $\xrightarrow{+4}$ ____ $\xrightarrow{+6}$ ____ $\xrightarrow{-2}$ ____

b. Tamer had 19 pounds, he bought a pen and the left with him was 10 pounds.

How much money did Tamer pay ?

____

____

c. Draw the hands to show the time.

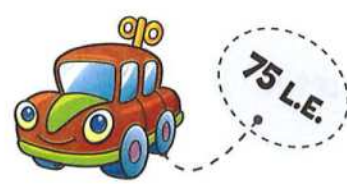
• 4 o'clock

•

4 a. Count forward.

20 , 21 , ________ , ________ , ________ , 25

b. You have 65 L.E. Circle the items you can buy.



Assessment 10

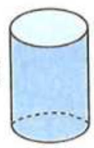
1 Choose.

a. The circle has ______ sides.

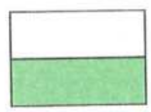
◯ 4 ◯ 0 ◯ 2 ◯ 1

b. 48 is 10 less than ______

◯ 38 ◯ 47 ◯ 49 ◯ 58

c. The name of the solid  is a ______

◯ cube ◯ cylinder ◯ cone ◯ sphere

d. The fraction of the shaded part  is ______

◯ quarter ◯ half ◯ three quarters ◯ whole one

e. Each base of the cylinder is a ______

◯ square ◯ triangle ◯ circle ◯ rectangle

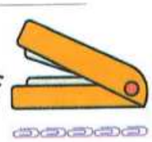
f. ______ > 27

◯ 41 ◯ 26 ◯ 18 ◯ 10

2 Complete.

a. 1 + ______ = 9

b. 16 – 12 = ______

c. The length of  is ______

d. 4 tens + 2 tens = ______

e. The name of the figure is ______

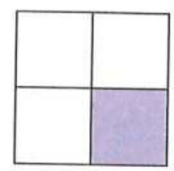
f. The place value of 7 in 17 is ______

3 Answer the following.

a. **Count backward.**

85 , 75 , ________ , 55 , ________ , ________

b. **Join.**

Circle	50	Quarter	Fifth
5th		60 – 10	

c. **Arrange from the least to the greatest.**

40 , 57 , 29 , 61 , 8

________ , ________ , ________ , ________ , ________

4 Put " > , < or = ".

- 91 ◯ 1 ten + 9 ones
- The number of edges of a cube ◯ the number of edges of a cuboid.
- 5 L.E. + 50 L.E. ◯ 20 L.E. + 1 L.E. + 1 L.E.
- 31 + 14 ◯ 90 – 40

Mathematics

1st Primary 2023

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Part 2

FREE

ANSWERS

of Parents' Guide

Page 14

Exercise 1 — Lengths

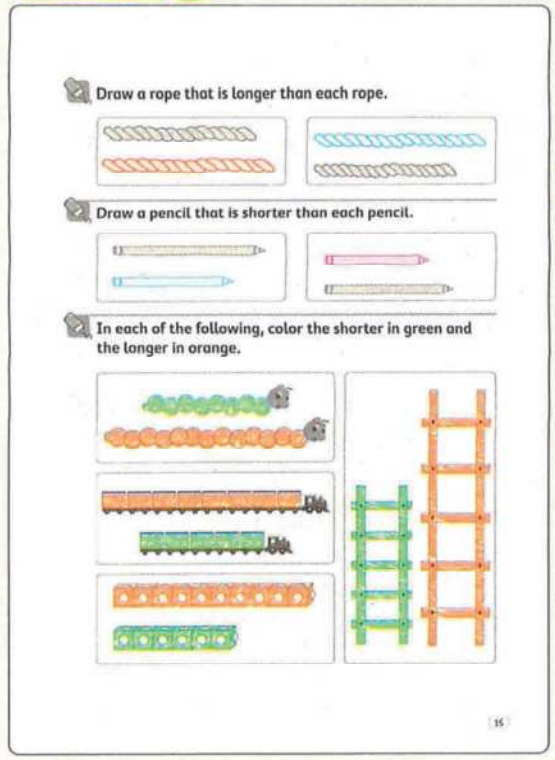
On Lessons 61 to 65 (A)

Length

Circle the object that is longer.

Color the object that is shorter.

Page 15

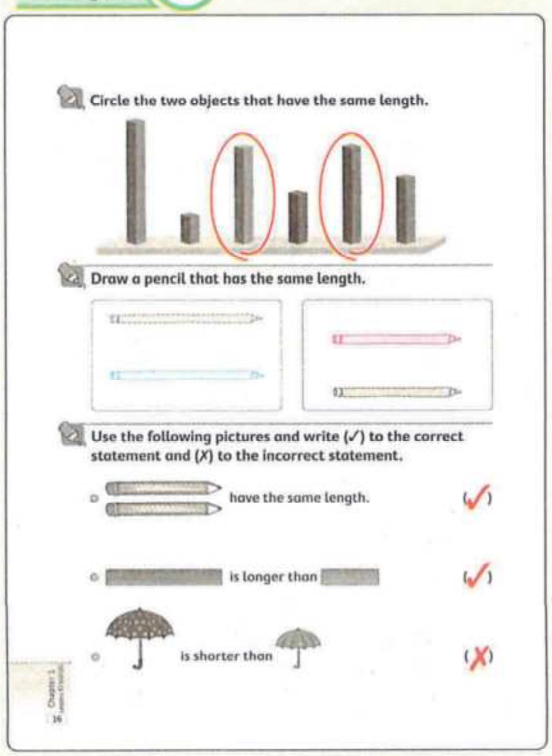


Draw a rope that is longer than each rope.

Draw a pencil that is shorter than each pencil.

In each of the following, color the shorter in green and the longer in orange.

Page 16



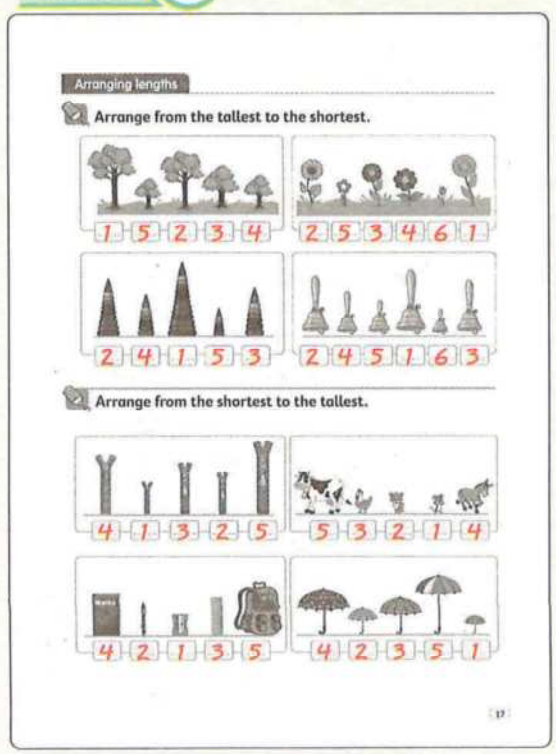
Circle the two objects that have the same length.

Draw a pencil that has the same length.

Use the following pictures and write (✓) to the correct statement and (✗) to the incorrect statement.

- have the same length. (✓)
- is longer than (✓)
- is shorter than (✗)

Page 17



Arranging lengths

Arrange from the tallest to the shortest.

1 5 2 3 4 — 2 5 3 4 6 1

2 4 1 5 3 — 2 4 5 1 6 3

Arrange from the shortest to the tallest.

4 1 3 2 5 — 5 3 2 1 4

4 2 1 3 5 — 4 2 3 5 1

Page 18

Arrange from the shortest to the longest.

D B E C A

Arrange from the longest to the shortest.

E B D A C

Who is ?

- Who is the tallest ? Sally
- Who is the shortest ? Sara
- Who is shorter than Andy ? Sara
- Who is taller than Hany ? Sally
- Who is taller than Sara and shorter than Hany ? Andy
- Who is shorter than Sally and taller than Andy ? Hany

Page 19

Complete.

- Mary is shorter than Samir
- Mary is taller than Atef
- The shortest one is Atef
- The tallest one is Samir
- The order from the shortest to the tallest is Atef , Mary , Samir

You have 5 friends.

- Complete.

The shortest one is Ramy and the tallest one is Ayman

- Arrange your friends from the tallest to the shortest.

Ayman , Sara , Judy , Shady , Ramy

- Write (✓) to the correct statement and (X) to the incorrect statement.

- Shady is shorter than Ramy. (X)
- Ayman is taller than Judy. (✓)
- Ramy is shorter than Sara. (✓)
- Sara is shorter than Ayman and taller than Shady. (✓)
- Judy is shorter than Sara and taller than Ayman. (X)

Page 20

Measuring lengths

Measure the length of each object.

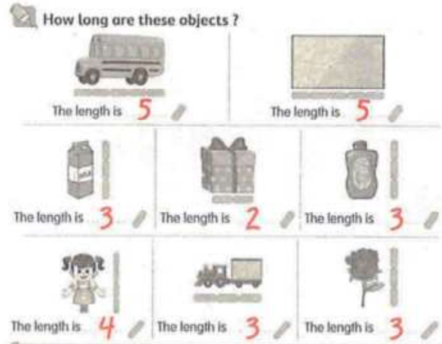
3, 6, 2

6, 6, 5

5, 3, 3

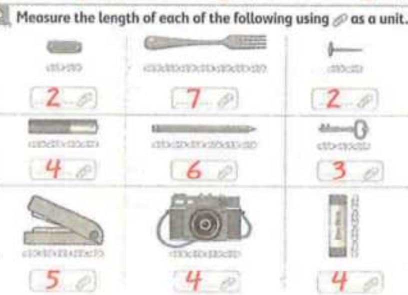
Page 21

How long are these objects ?



- The length is 5
- The length is 5
- The length is 3
- The length is 2
- The length is 3
- The length is 4
- The length is 3
- The length is 3

Measure the length of each of the following using as a unit.



2, 7, 2

4, 6, 3

5, 4, 4

Page 22

Use (pencil) as a length unit to measure the length of each item, then use (clip) as a length unit to measure the same items.

Pen

The length = 3 (pencil) or = 6 (clip)

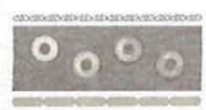
Ruler

The length = 7 (pencil) or = 14 (clip)

Notebook

The length = 2 (pencil) or = 4 (clip)

Table



The length = 6 (pencil) or = 12 (clip)

- The order of items from the shortest to the longest is :

Notebook , Pen , Table , Ruler

Place a smiley face

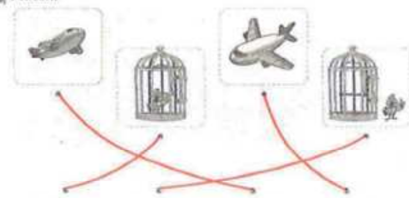
22

Page 26

Exercise 2 Relative positions

On Lessons 61 to 65 (B)

Match.



In Out Up Down

How many children ?

- There are 3 children in the circle.
- There are 4 children out the circle.

26

Page 27

Use the following pictures and choose the correct answer.

- (kangaroo) is (in front of / **behind**) (monkey)
- (elephant) is (**in front of** / behind) (monkey)
- (monkey) is (in front of / **behind**) (elephant)
- (monkey) is (**in front of** / behind) (kangaroo)

Use the pictures and write (✓) to the correct statement and (X) to the incorrect statement.

- The (giraffe) is on the right of the (clown) (✓)
- The (clown) is on the left of the (lion) (X)
- The (lion) is on the left of the (clown) (✓)
- The (clown) is on the right of the (giraffe) (X)

27

Page 28

Use the picture and choose the correct answer.

- (turtle) is going (**up** or down)
- (fish) is going (up or **down**)

Use the picture and write (✓) to the correct statement and (X) to the incorrect statement.

- There are 4 balls in the box. (✓)
- There are 2 balls out the box. (✓)

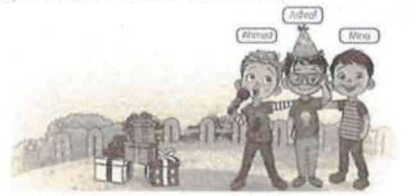
Complete the following using the names in the picture.

- Ahmed is on the left of Maged
- Hossam is on the left of Omar.
- Ahmed is on the right of Omar
- Maged is on the right of Ahmed
- Omar is on the right of Hossam.
- Maged is on the right of Ahmed.

28

Page 29

Use the picture to answer the following.



- Complete.
- Mina is on the left of Ashraf.
- Ahmed is on the right of Ashraf.
- Ashraf and Mina are on the left of Ahmed.
- Ahmed and Ashraf are on the right of Mina.

- Choose the correct answer.
- Ashraf is on the .... of Mina. (left or right)
- Ashraf is on the .... of Ahmed. (left or right)

Match.

Above Below

29

Page 30

Complete with a number.

There are 4 flowers out the vase and 5 flowers in the vase.

There are 3 pencils in the pencil box and 2 pencils out the pencil box.

The number of birds out the nest is 2 and the number of birds in the nest is 4.

Complete with (above or below).

- The ball is below the office.
- The vase is above the office.
- The cat is below the office.
- The keyboard is above the office.
- The cat and the ball are above the carpet.

30

Page 31

Draw □ around what is in the [pool]

Draw △ around what is out the [boat]

Use the following picture, write (✓) to the correct statement and (X) to the incorrect statement.

- Amir is in front of Hany. (✓)
- Sara is behind Youssef. (X)
- Nada is behind Hany. (✓)
- Youssef is behind Sara. (✓)
- Hany is in front of Nada. (✓)
- Nada is in front of Sara (✓)
- There are 3 children in front of Youssef. (X)
- There are 2 children behind Nada. (✓)

31

Page 32

Draw □ around what is above the [table]

Draw ○ around what is below the [tree]

Where is the cat ? Choose the correct answer.

In front of the house / Behind the house

Above the chair / Below the chair

On the right hand / On the left hand

Out the box / In the box

Going up / Going down

Above the box / Below the box

Place a smiley face

32

Page 36

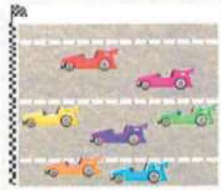
Exercise 3 Ordinal numbers

On Lessons 66 & 67

Match.

2nd 4th 1st 3rd 5th

Color cars according to the codes.



3rd Red
5th Blue
7th Green
1st Yellow
2nd Orange
6th Pink
4th Purple

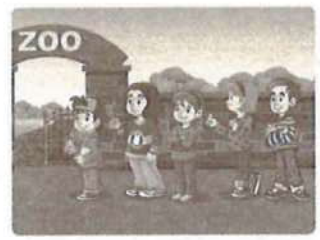
Write the ordinal number "1st , 2nd , ..."

Page 37

Match.

Third Fifth Fourth First Second

Write each person's order in the line.



Fourth
Second
First
Fifth
Third

37

Page 38

Circle the item which match the given position, start from the arrow.

- Second
- Fourth
- First
- Third
- Sixth
- Fifth

Circle the word that tells the correct order of the circled picture, start from the arrow. The first one is done for you.

- (Third or **Fourth**)
- (First or **Ninth**)
- (**Fifth** or Sixth)
- (Second or **Third**)
- (Sixth or **Seventh**)
- (**Ninth** or Tenth)
- (Third or **Fourth**)
- (**First** or Tenth)

Page 39

Complete. The first one is done for you.

2nd	second	8th	eighth
6th	sixth	4th	fourth
3rd	third	10th	tenth
1st	first	9th	ninth
7th	seventh	5th	fifth

Write the order of the underlined figure, start from the arrow. The first one is done for you.

- fifth 5th
- fourth 4th
- eighth 8th
- second 2nd
- seventh 7th
- first 1st

39

Page 40

→ tenth 10th

→ third 3rd

Use the following picture and choose the correct answer.

- The third child is .... (Ali or Talia) — Talia
- The first child is .... (Joy or Ali) — Joy
- The sixth child is .... (Zyad or John) — Zyad
- The fourth child is .... (Omar or Talia) — Omar
- Ali is the .... child. (second or third) — second
- John is the .... child. (fourth or fifth) — fifth
- The order of the last child is .... (sixth or seventh) — sixth

Complete the following.

- First, second, third, fourth, fifth sixth seventh, eighth ninth, tenth
- The second letter in the word "BOX" is O
- The order of the letter T in the word "EGYPT" is fifth
- The order of the letter S in the word "HOUSE" is fourth

Page 41

Use the following pictures, write (✓) to the correct statement and (X) to the incorrect statement.

- The order of the cat is the fifth. (✓)
- The seventh animal is lion. (X)
- Dog is in the second place. (X)
- The first animal is hen. (✓)
- The order of the cow is eighth. (✓)
- Zebra is in the third place. (X)
- Giraffe is the fourth animal. (✓)
- The order of the elephant is sixth. (X)

Solve the story problem.

Ahmed is stanting behind Salma, Salma is standing behind Mark and the order of Mark is the second.

What is the order of each of Ahmed and Salma ?

Ahmed is fourth

Salma is third

Page 42

Write 1st, 2nd or 3rd to show what happened.

Page 43

Write the ordinal number of Mariam's daily routine.

Page 45

Exercise 4 One more & one less
On Lesson 68

Write the number that is 1 more. The first one is done for you.

15 → 16	22 → 23	60 → 61	12 → 13	54 → 55
39 → 40	81 → 82	66 → 67	30 → 31	89 → 90

Write the number that is 1 less. The first one is done for you.

86 → 85	44 → 43	59 → 58	10 → 9	61 → 60
90 → 89	31 → 30	19 → 18	27 → 26	70 → 69

Choose the number that is 1 more.

33 (32 or (34))	26 (25 or (27))	79 (78 or (80))
98 ((99) or 97)	45 (44 or (46))	82 ((83) or 81)
19 ((20) or 18)	60 ((61) or 59)	59 (58 or (60))

Choose the number that is 1 less.

((9) or 11) 10	(90 or (88)) 89	(68 or (66)) 67
(32 or (30)) 31	(51 or (49)) 50	(49 or (47)) 48
((11) or 13) 12	((23) or 25) 24	(81 or (79)) 80

45

Page 46

Write the missing numbers. The first one is done for you.

24 25 26	39 40 41
13 14 15	36 37 38
58 59 60	82 83 84
90 91 92	61 62 63

Complete.

54 ← one less — 55 — one more → 56	48 ← one less — 49 — one more → 50
69 ← one less — 70 — one more → 71	32 ← one less — 33 — one more → 34
20 ← one less — 21 — one more → 22	79 ← one less — 80 — one more → 81
8 ← one less — 9 — one more → 10	66 ← one less — 67 — one more → 68

Complete.

57 is 1 more than 56	47 is 1 less than 48
40 is 1 more than 39	20 is 1 less than 21
74 is 1 more than 73	62 is 1 less than 63
49 is 1 more than 48	70 is 1 less than 71
86 is 1 more than 85	30 is 1 more than 29
9 is 1 less than 10	19 is 1 less than 20

46

Page 47

Choose the correct word " more or less ".

21 is 1 (more) / less than 20	15 is 1 more / (less) than 16
48 is 1 (more) / less than 47	70 is 1 (more) / less than 69
93 is 1 (more) / less than 92	54 is 1 more / (less) than 55
79 is 1 more / (less) than 80	37 is 1 (more) / less than 36
40 is 1 (more) / less than 39	64 is 1 more / (less) than 65

Write the correct word " more or less ".

9 is 1 less than 10	62 is 1 less than 63
25 is 1 more than 24	88 is 1 more than 87
40 is 1 more than 39	71 is 1 more than 70
69 is 1 more than 68	19 is 1 more than 18
49 is 1 less than 50	99 is 1 less than 100

Write (✓) to the correct statement and (X) to the incorrect statement.

35 is 1 more than 34 (✓)	18 is 1 less than 19 (✓)
43 is 1 more than 44 (X)	69 is 1 less than 70 (✓)
91 is 1 more than 90 (✓)	57 is 1 less than 56 (X)

Place a smiley face

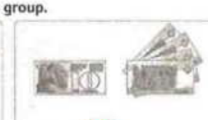
47

Page 50

Exercise 5 Money
On Lessons 69 & 70

Write the amount of each group.

36 L.E.


14 L.E.

50 L.E.

30 L.E.

48 L.E.

56 L.E.

22 L.E.

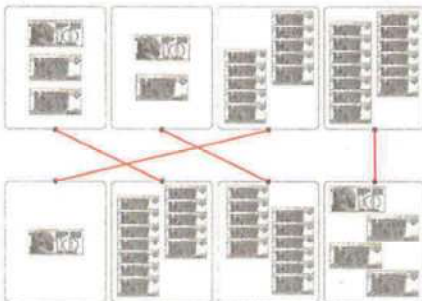
33 L.E.

50

Page 51

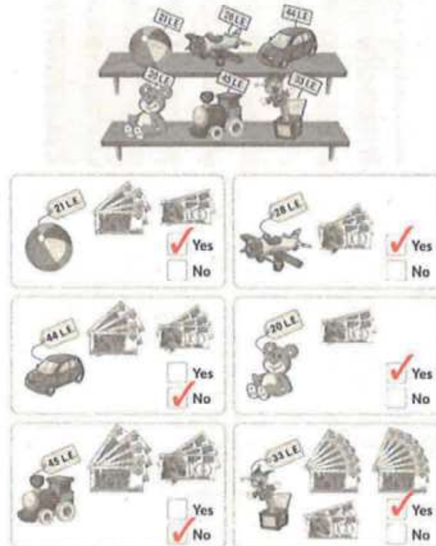
Circle the amount that is more.

Match the equal amounts.



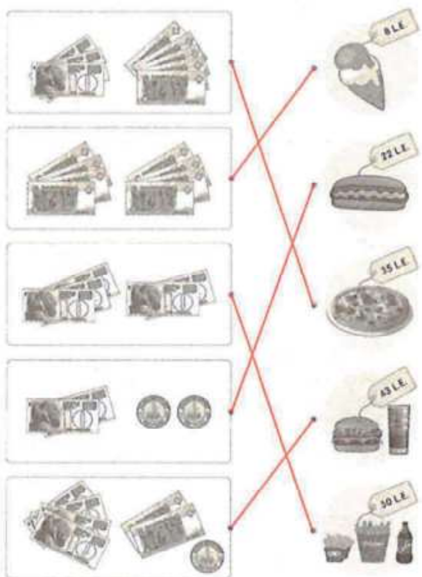
Page 52

Can you buy it ? Yes or No.



Page 53

Match to the suitable price.



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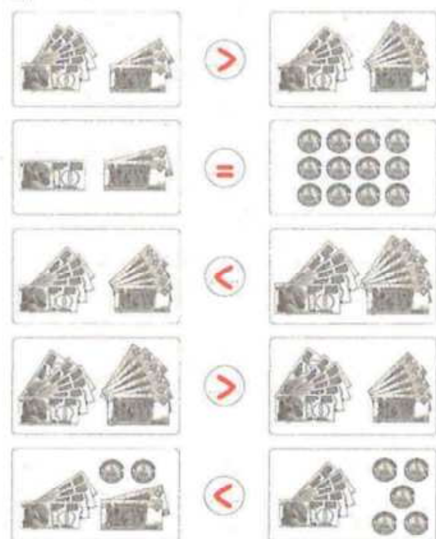
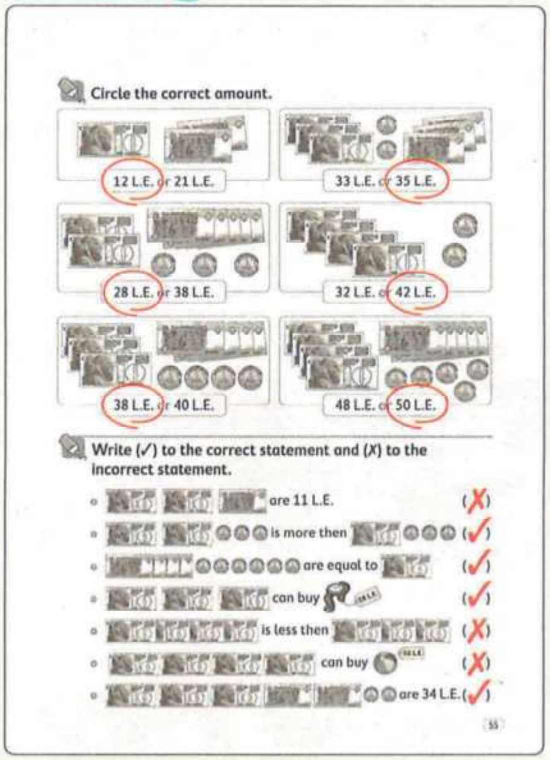
Put ">, < or =".



Page 55


Circle the correct amount.

12 L.E. or 21 L.E. — 33 L.E. or 35 L.E.

28 L.E. or 38 L.E. — 32 L.E. or 42 L.E.

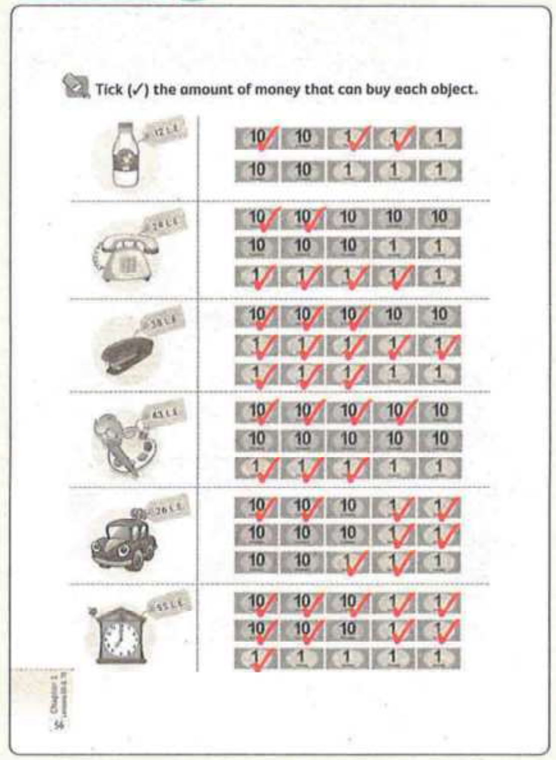
38 L.E. or 40 L.E. — 48 L.E. or 50 L.E.

Write (✓) to the correct statement and (X) to the incorrect statement.

- are 11 L.E. (X)
- is more then (✓)
- are equal to (✓)
- can buy (✓)
- is less then (X)
- can buy (X)
- are 34 L.E. (✓)

55

Page 56


Tick (✓) the amount of money that can buy each object.

Chapter 1
56

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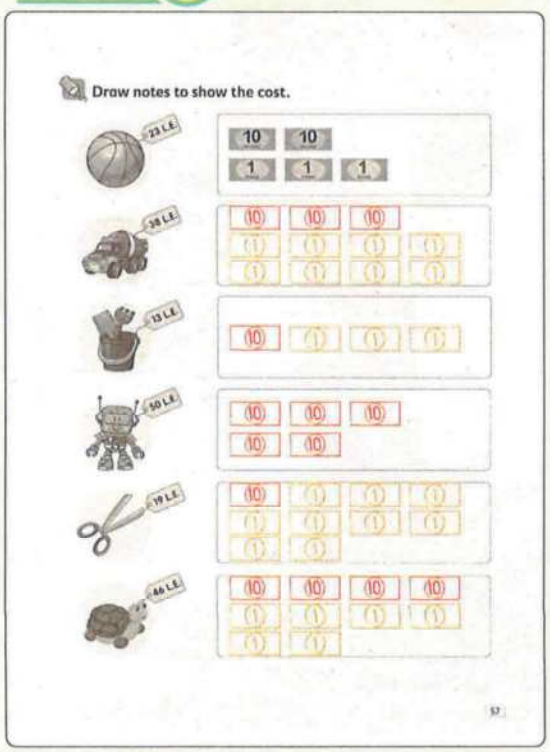
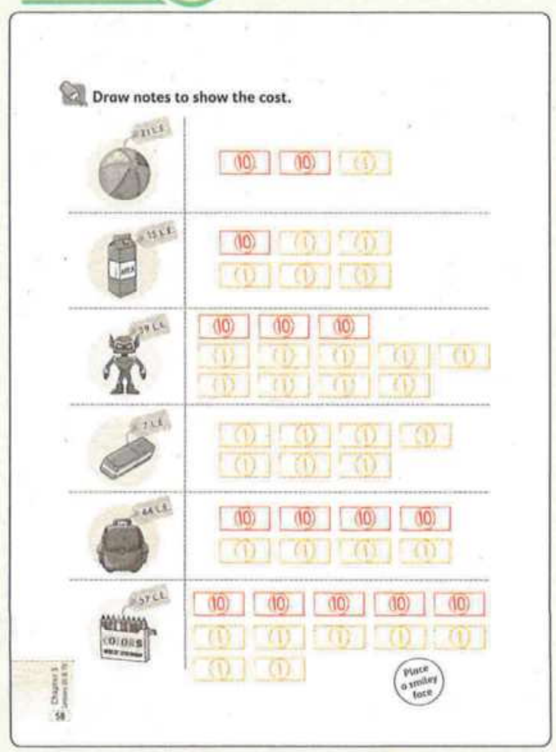

Draw notes to show the cost.

57

Page 58


Draw notes to show the cost.

Place a smiley face

Chapter 1
58

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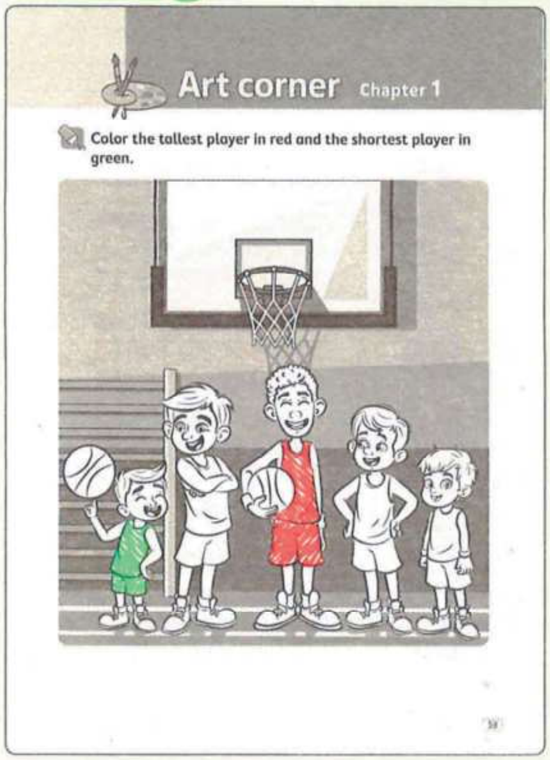
Art corner Chapter 1
Color the tallest player in red and the shortest player in green.

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Exercise 6

- Tens and ones
- Place value

On Lessons 71 to 75

Count how many tens and ones. Write the number.

tens	ones	The number is
2	8	28
3	6	36
3	0	30
4	1	41
4	4	44
5	0	50
3	7	37
6	3	63

Page 65

Count the objects. Circle the objects in groups of ten. Write the number of tens and ones. Then write how many in all.

tens	ones	How many?
2	5	25
3	6	36
3	0	30
4	8	48
5	5	55
6	0	60

Page 66

Count how many tens and ones. Write the number. The first one is done for you.

tens	ones	Number
7	3	73
4	6	46
6	4	64
8	5	85
3	6	36
5	2	52
8	0	80
1	9	19

Page 67

Write the number. Match the number to the correct picture. The first one is done for you.

- 2 tens 6 ones 26
- 3 tens 7 ones 37
- 7 tens 0 ones 70
- 5 tens 8 ones 58
- 8 tens 5 ones 85
- 6 tens 2 ones 62
- 7 tens 3 ones 73
- 5 tens 5 ones 55

Page 68

Write the tens and ones. The first one is done for you.

Number	tens	ones	Number	tens	ones	Number	tens	ones
56	5	6	33	3	3	42	4	2
13	1	3	5	0	5	60	6	0
70	7	0	98	9	8	2	0	2
87	8	7	24	2	4	19	1	9

Write the number. The first one is done for you.

tens	ones	Number	tens	ones	Number	tens	ones	Number
7	2	72	1	5	15	0	9	9
2	7	27	4	6	46	3	0	30
0	4	4	8	0	80	5	8	58
9	1	91	3	3	33	6	7	67

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Read each number. Write the number of tens and ones. The first one is done for you.

Number	Tens	Ones	Number	Tens	Ones	Number	Tens	Ones
25	2	5	58	5	8	17	1	7
43	4	3	34	3	4	71	7	1
28	2	8	22	2	2	66	6	6
30	3	0	92	9	2	19	1	9
54	5	4	7	0	7	81	8	1
65	6	5	86	8	6	40	4	0

Write (✓) to the correct statement and (✗) to the incorrect statement.

- 34 has 3 tens and 4 ones. (✓)
- 71 has 1 ten and 7 ones. (✗)
- 20 has 2 ones. (✗)
- 96 has 6 ones and 9 tens. (✓)
- 10 has 10 ones. (✓)
- 45 has 5 ones and 4 tens. (✓)
- 8 has 8 tens. (✗)
- 62 has 6 ones and 2 tens. (✗)

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Complete. The first one is done for you.

Number	Tens		Ones	
43	4	40	3	3
89	8	80	9	9
35	3	30	5	5
26	2	20	6	6
67	6	60	7	7
11	1	10	1	1
94	9	90	4	4
70	7	70	0	0
52	5	50	2	2

Choose the correct answer.

Question	Choices (circled answer in bold)
2 tens, 3 ones	32 or **23**
9 ones, 1 ten	91 or **19**
4 tens, 8 ones	**48** or 84
50, 1	**51** or 15
10, 4	**14** or 41
3, 60	36 or **63**
76	**7 tens, 6 ones** or 6 tens, 7 ones
95	5 tens, 9 ones or **9 tens, 5 ones**
40	**4 tens** or 4 ones
18	**10, 8** or 80, 1
87	**80, 7** or 70, 8
31	**1, 30** or 3, 10

Page 71

Write the value of each digit. The first one is done for you.

Tens value	Number	Ones value	Tens value	Number	Ones value
40	42	2	20	24	4
60	68	8	80	86	6
90	93	3	30	39	9
50	56	6	60	65	5
10	17	7	70	71	1
80	84	4	40	48	8

Match.

30 + 6 | 9 + 60 | 6 + 90 | 9 + 30 | 90 + 3

69 | 96 | 36 | 93 | 39

- 30 + 6 → 36
- 9 + 60 → 69
- 6 + 90 → 96
- 9 + 30 → 39
- 90 + 3 → 93

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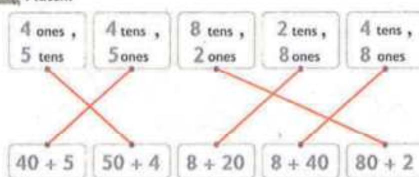
Write the correct number in each.

2 tens + 5 ones	25	1 ten + 3 ones	13
7 tens + 6 ones	76	9 tens + 0 ones	90
1 one + 4 tens	41	8 ones + 3 tens	38
2 ones + 5 tens	52	6 ones + 0 tens	6
6 tens	60	5 tens + 1 one	51
1 ten + 4 ones	14	8 ones	8
9 ones + 3 tens	39	7 ones + 4 tens	47

Match.



Page 73

Write the numbers. The first one is done for you.

60 + 2 = 62	20 + 7 = 27	50 + 9 = 59
70 + 5 = 75	3 + 90 = 93	60 + 4 = 64
2 + 10 = 12	8 + 80 = 88	6 + 30 = 36
9 + 40 = 49	7 + 10 = 17	8 + 40 = 48
1 + 90 = 91	20 + 2 = 22	30 + 8 = 38

Show the numbers in a different way. The first one is done for you.

38 = 30 + 8	73 = 70 + 3	52 = 50 + 2
96 = 90 + 6	14 = 10 + 4	65 = 60 + 5
21 = 20 + 1	84 = 80 + 4	47 = 40 + 7
44 = 40 + 4	66 = 60 + 6	29 = 20 + 9
78 = 70 + 8	53 = 50 + 3	12 = 10 + 2

Page 74

Write the place value of the digit 5 in each of the following numbers. The first one is done for you.

53	52	65	51
tens	tens	ones	tens

35	5	54	75
ones	ones	tens	ones

Circle the value of the blue digit. The first one is done for you.

73: (3) or 30	57: 5 or (50)	38: (8) or 80	86: (6) or 60
78: 7 or (70)	19: (9) or 90	83: 8 or (80)	17: 1 or (10)
62: 6 or (60)	98: 9 or (90)	45: (5) or 50	37: (7) or 70
53: 5 or (50)	72: 7 or (70)	96: (6) or 60	49: (9) or 90

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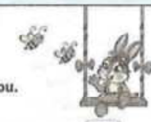

Complete. The first one is done for you.

- In 52 the digit 5 is in the tens place. Its value is 50
- In 36 the digit 3 is in the tens place. Its value is 30
- In 63 the digit 3 is in the ones place. Its value is 3
- In 12 the digit 2 is in the ones place. Its value is 2
- In 21 the digit 2 is in the tens place. Its value is 20
- In 50 the digit 0 is in the ones place. Its value is 0
- In 94 the digit 9 is in the tens place. Its value is 90
- In 76 the digit 6 is in the ones place. Its value is 6

Complete the following table. The first one is done for you.

The number	72	34	95	66	80
The value of the digit in the ones place	2	4	5	6	0
The value of the digit in the tens place	70	30	90	60	80

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Who am I ? Choose me.

I have 3 in my tens place.	93	(39)
I have 5 in my ones place.	(15)	54
I have 6 in my ones place.	60	(76)
I have 4 in my tens place.	24	(42)
My tens place is 1 more than my ones place.	(32)	56
My ones place is 1 more than my tens place.	54	(12)
My tens place is more than 6	(81)	69
My tens place is less than 4	63	(25)
My tens place is less than 1	10	(9)
My ones place is more than 3	(4)	50

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Cancel all squares that :

- have numbers its tens digit is 8
- have numbers its ones digit is 5
- have numbers its ones digit is more than 7
- have numbers its tens digit is 3

~~K 87~~	~~I 15~~	~~H 66~~	Q 30	~~X 91~~	~~V 85~~
	E 17	~~W 75~~	~~C 19~~		~~L 78~~
G 71	Y 23		~~M 25~~	~~Z 45~~	~~J 82~~
	~~O 59~~	~~N 37~~			~~A 29~~
				R 18	~~F 32~~
~~B 31~~	P 24	~~D 79~~	~~U 84~~	~~S 34~~	T 47

Use the remaining letters to form a word EGYPT

Place a smiley face

Page 79

Exercise 7 Comparing two numbers

On Lessons 76 & 77

Circle the greater number. Write the numbers.
The first one is done for you.

58 (85) 85 is greater than 58 85 > 58	86 76 is greater than 86 > 76	30 28 is greater than 30 > 28
19 90 is greater than 90 > 19	44 49 is greater than 49 > 44	63 36 is greater than 63 > 36
25 31 is greater than 31 > 25	49 50 is greater than 50 > 49	12 18 is greater than 18 > 12

Circle the number that is less. Write the numbers.
The first one is done for you.

66 (65) 65 is less than 66 65 < 66	62 71 is less than 62 < 71	50 49 is less than 49 < 50
19 16 is less than 16 < 19	85 58 is less than 58 < 85	24 42 is less than 24 < 42
75 25 is less than 25 < 75	48 63 is less than 48 < 63	53 35 is less than 35 < 53

Page 80

Write the number, then write ">, < or =".

54 > 52	35 < 45
28 = 28	43 > 34
34 > 33	54 > 45

Use to show each number. Draw the
Write <, > or = in the circle. The first one is done for you.

42 < 46	36 > 31	48 = 48
16 < 51	27 = 27	62 > 59

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Write "<, > or =".

24 > 15	9 ones	< 1 ten
36 = 36	9 tens, 8 ones	< 99
61 > 6	6 tens, 4 ones	> 46
28 > 20	40 + 5	> 3 tens, 5 ones
47 < 74	5 tens	> 4 tens, 9 ones
5 < 13	30 + 3	= 3 tens, 3 ones
82 < 85	6 tens	> 7 ones
47 < 51	25	= 20 + 5
37 > 28	50 + 7	< 70 + 5
19 < 20	8 tens	> 9 + 10
42 < 43	26	= 6 ones, 2 tens
70 > 9	8 + 70	< 87

81

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Circle the numbers that are greater than 60 and underline the numbers that are less than 60.

15 (83) (94) 55 (62) (70) 48 59

59 (75) (80) 11 44 (61) 28 (93)

Choose the correct answer.

17 >	18 , 71 , (14)	30 >	31 , 30 , (29)
88 = ...	68 , (80+8) , 82	..... > 77	17 , 71 , (79)
..... < 72	75 , (57) , 80	53 <	5 tens , 50+1 , (50+5)
..... > 50	30 , (61) , 16	..... < 18	80 , (10) , 88
..... = 25	2+5 , 50+2 , (5+20)	37 >	57 , 47 , (27)
64 <	60 , (65) , 56	9 tens = ...	91 , (90) , 19
93 >	94 , 99 , (90)	42 <	32 , (52) , 24

Write a suitable number. (Answers may vary)

8 < 9	12 > 11	35 < 36
43 > 42	25 = 25	50 > 49
69 > 67	31 < 33	76 = 76

82 < 8 tens, 3 ones	1 ten, 9 ones < 21
99 > 90 + 8	6 + 60 > 64

82

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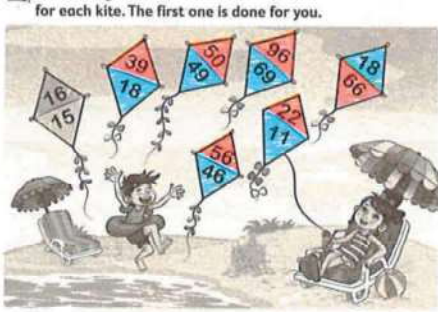
Write (✓) to the correct statement and (X) to the incorrect statement.

- 10 is greater than 18 (X)
- 77 is less than 7 tens and 9 ones. (✓)
- 3 tens is greater than 4 ones and 5 tens. (X)
- 9 + 40 > 90 + 4 (X)
- 8 ones and 6 tens is equal to 68 (✓)
- 60 + 7 < 6 + 70 (✓)
- 5 tens and 1 one is less than 16 (X)
- 2 ones and 2 tens is less than 30 (✓)

Color the greater number in red and less number in blue for each kite. The first one is done for you.



Place a smiley face

83

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Exercise 8 Ordering numbers

On Lessons 78 & 79

Compare the numbers. Write them in the correct order. Then write > or <. The first one is done for you.

17 < 21 < 25 (least … greatest)

30 < 37 < 45 (least … greatest)

33 > 24 > 15 (greatest … least)

40 > 25 > 18 (greatest … least)

55 > 40 > 39 (greatest … least)

26 < 28 < 30 < 36 (least … greatest)

42 > 40 > 30 > 28 (greatest … least)

85

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Write the numbers in the correct place. The first one is done for you.

25 , 38 , 30	36 , 82 , 26
38 > 30 > 25 (greatest … least)	82 > 36 > 26 (greatest … least)
77 , 27 , 17	45 , 89 , 98
77 > 27 > 17 (greatest … least)	45 < 89 < 98 (least … greatest)
35 , 19 , 52 , 20	51 , 10 , 17 , 30
52 > 35 > 20 > 19 (greatest … least)	10 < 17 < 30 < 51 (least … greatest)
22 , 63 , 56 , 70	33 , 55 , 12 , 56
22 < 56 < 63 < 70 (least … greatest)	56 > 55 > 33 > 12 (greatest … least)
10 , 57 , 2 , 34	60 , 96 , 69 , 90
2 < 10 < 34 < 57 (least … greatest)	96 > 90 > 69 > 60 (greatest … least)
14 , 17 , 74 , 47	65 , 29 , 56 , 32
14 < 17 < 47 < 74 (least … greatest)	29 < 32 < 56 < 65 (least … greatest)

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Write the numbers in order from the least to the greatest. The first one is done for you. (Ascending order)

Numbers	Answer
56 , 36 , 63 , 53	36 , 53 , 56 , 63
81 , 88 , 80 , 8	8 , 80 , 81 , 88
73 , 37 , 36 , 63	36 , 37 , 63 , 73
62 , 43 , 36 , 45	36 , 43 , 45 , 62
58 , 63 , 52 , 70	52 , 58 , 63 , 70
69 , 75 , 70 , 68	68 , 69 , 70 , 75
90 , 45 , 22 , 93 , 41	22 , 41 , 45 , 90 , 93

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Write the numbers in order from the greatest to the least. The first one is done for you. (Descending order)

Numbers	Answer
56 , 65 , 46 , 64	65 , 64 , 56 , 46
43 , 40 , 4 , 45	45 , 43 , 40 , 4
51 , 75 , 74 , 70	75 , 74 , 70 , 51
84 , 81 , 40 , 48	84 , 81 , 48 , 40
29 , 92 , 24 , 60	92 , 60 , 29 , 24
72 , 80 , 76 , 85	85 , 80 , 76 , 72
50 , 57 , 73 , 53 , 75	75 , 73 , 57 , 53 , 50

Place a smiley face

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Exercise 9 Subtracting multiples of 10 from multiples of 10

On Lesson 80

Complete.

10 , 20 , 30 , 40 , 50 , 60 , 70 , 80 , 90

90 , 80 , 70 , 60 , 50 , 40 , 30 , 20 , 10

Subtract.

90 − 70 = 20	70 − 20 = 50
50 − 10 = 40	90 − 40 = 50
60 − 40 = 20	80 − 50 = 30

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Subtract.

40 − 10 = 30 40 - 10 = 30	60 − 20 = 40 60 - 20 = 40	30 − 10 = 20 30 - 10 = 20
70 − 40 = 30 70 - 40 = 30	80 − 60 = 20 80 - 60 = 20	50 − 10 = 40 50 - 10 = 40
30 − 20 = 10 30 - 20 = 10	50 − 30 = 20 50 - 30 = 20	20 − 20 = 0 20 - 20 = 0
80 − 70 = 10 80 - 70 = 10	90 − 80 = 10 90 - 80 = 10	60 − 40 = 20 60 - 40 = 20
40 − 30 = 10 40 - 30 = 10	70 − 20 = 50 70 - 20 = 50	90 − 30 = 60 90 - 30 = 60

91

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Choose the correct answer. (You may use sticks to subtract)

40 − 10	20 **(30)**	60 − 30	20 **(30)**
70 − 60	**(10)** 50	90 − 50	60 **(40)**
80 − 30	**(50)** 60	20 − 10	30 **(10)**
60 − 20	80 **(40)**	50 − 20	**(30)** 40
70 − 40	20 **(30)**	80 − 60	70 **(20)**

Subtract. (You may use sticks to subtract)

80 − 70 = 10	30 − 20 = 10
40 − 20 = 20	80 − 40 = 40
60 − 10 = 50	90 − 30 = 60
70 − 50 = 20	60 − 40 = 20
90 − 60 = 30	50 − 30 = 20
50 − 10 = 40	80 − 10 = 70
80 − 50 = 30	70 − 20 = 50
50 − 40 = 10	30 − 30 = 0
90 − 10 = 80	60 − 50 = 10

Place a smiley face

92

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Art corner Chapter 2

Find the number, then color.

- 8 tens and 5 ones — Brown
- one ten and 7 ones — Yellow
- 2 tens and 9 ones — Blue
- 3 tens and 2 ones — Red
- 5 tens — Green
- 4 tens and 5 ones — Black

93

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Exercise 10 Subtracting tens

On Lessons 81 to 83

Subtract.

70 − 60 = 10 (7 Tens − 6 Tens = 1 Tens)	20 − 10 = 10 (2 Tens − 1 Tens = 1 Tens)	80 − 30 = 50 (8 Tens − 3 Tens = 5 Tens)
80 − 40 = 40 (8 Tens − 4 Tens = 4 Tens)	50 − 30 = 20 (5 Tens − 3 Tens = 2 Tens)	60 − 20 = 40 (6 Tens − 2 Tens = 4 Tens)
40 − 20 = 20 (4 Tens − 2 Tens = 2 Tens)	60 − 10 = 50 (6 Tens − 1 Tens = 5 Tens)	90 − 80 = 10 (9 Tens − 8 Tens = 1 Tens)
90 − 30 = 60 (9 Tens − 3 Tens = 6 Tens)	70 − 40 = 30 (7 Tens − 4 Tens = 3 Tens)	50 − 10 = 40 (5 Tens − 1 Tens = 4 Tens)
70 − 10 = 60 (7 Tens − 1 Tens = 6 Tens)	60 − 40 = 20 (6 Tens − 4 Tens = 2 Tens)	30 − 20 = 10 (3 Tens − 2 Tens = 1 Tens)

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Choose the correct answer.

7 tens − 2 tens = 5 tens	3 or **(5)** or 9
6 tens − 3 tens = 3 tens	2 or **(3)** or 4
5 tens − 4 tens = 1 tens	9 or 3 or **(1)**
8 tens − 1 tens = 7 tens	9 or 6 or **(7)**
4 tens − 4 tens = 0 tens	1 or **(0)** or 8
3 tens − 1 tens = 2 tens	1 or **(2)** or 4
9 tens − 5 tens = 4 tens	6 or **(4)** or 5

Subtract.

8 tens − 5 tens = 3 tens	7 tens − 3 tens = 4 tens
6 tens − 4 tens = 2 tens	9 tens − 1 tens = 8 tens
7 tens − 1 tens = 6 tens	4 tens − 2 tens = 2 tens
9 tens − 7 tens = 2 tens	8 tens − 6 tens = 2 tens
2 tens − 1 tens = 1 tens	5 tens − 1 tens = 4 tens
6 tens − 6 tens = 0 tens	9 tens − 3 tens = 6 tens
4 tens − 3 tens = 1 tens	6 tens − 1 tens = 5 tens
6 tens − 5 tens = 1 tens	5 tens − 2 tens = 3 tens
8 tens − 7 tens = 1 tens	3 tens − 3 tens = 0 tens

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Subtract.

6 Tens − 2 Tens = 4 Tens	9 Tens − 4 Tens = 5 Tens	5 Tens − 5 Tens = 0 Tens	7 Tens − 6 Tens = 1 Tens	5 Tens − 3 Tens = 2 Tens
6 Tens − 1 Tens = 5 Tens	8 Tens − 5 Tens = 3 Tens	3 Tens − 1 Tens = 2 Tens	6 Tens − 4 Tens = 2 Tens	4 Tens − 2 Tens = 2 Tens
7 Tens − 3 Tens = 4 Tens	8 Tens − 3 Tens = 5 Tens	9 Tens − 7 Tens = 2 Tens	6 Tens − 6 Tens = 0 Tens	7 Tens − 2 Tens = 5 Tens

Subtract.

70 − 20 = 50	60 − 30 = 30	50 − 30 = 20
40 − 40 = 0	50 − 50 = 0	70 − 50 = 20
90 − 20 = 70	30 − 20 = 10	50 − 10 = 40
60 − 40 = 20	80 − 50 = 30	60 − 10 = 50
70 − 40 = 30	60 − 50 = 10	90 − 70 = 20
80 − 10 = 70	40 − 20 = 20	80 − 60 = 20

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Join.

- 80 − 50 → 30
- 70 − 60 → 1 ten
- 6 tens − 1 ten → 5 tens
- 7 tens − 3 tens → 4 tens
- 50 − 3 tens → 20
- 90 − 30 → 60

Subtract.

50 − 40 = 10	80 − 20 = 60	70 − 40 = 30	80 − 50 = 30	70 − 20 = 50
20 − 10 = 10	30 − 30 = 0	40 − 30 = 10	30 − 20 = 10	10 − 10 = 0
90 − 60 = 30	50 − 30 = 20	90 − 20 = 70	80 − 60 = 20	60 − 40 = 20

100

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Match.

90 − 50	40 − 10	50 − 40	60 − 10	90 − 70	80 − 20
1 ten	5 tens	4 tens	6 tens	3 tens	2 tens

Subtract, then write ">, < or =".

30-10 < 4 tens (20, 40)	70-40 < 5 tens (30, 50)
60-30 = 3 tens (30, 30)	5 tens = 90-40 (50, 50)
1 ten = 20-10 (10, 10)	80-30 < 6 tens (50, 60)
50-40 < 60-40 (10, 20)	70-10 < 90-20 (60, 70)
40-20 > 30-30 (20, 0)	90-50 = 60-20 (40, 40)
70-60 = 20-10 (10, 10)	80-30 > 70-30 (50, 40)

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Write (✓) to the correct statement (X) to the incorrect statement.

- 80 − 50 = 30 (✓)
- 40 − 10 = 5 tens (X)
- 7 tens − 3 tens = 40 (✓)
- 9 tens − 7 tens = 5 tens (X)
- 6 tens − 60 = 6 tens (X)
- 30 − 2 tens = 10 (✓)
- 5 tens − 1 ten = 3 tens (X)
- 20 − 1 ten = 1 ten (✓)

Find the missing numbers.

- 60 → −10 → 50 → −20 → 30
- 80 → −3 tens → 50 → −10 → 40
- 90 → −10 → 80 → −60 → 20
- 70 → −40 → 30 → −2 tens → 10
- 90 → −2 tens → 70 → −10 → 60 → −20 → 40 → −3 tens → 10 → −1 ten → 0

Place a smiley face

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Exercise 11 Problem solving strategies on addition

On Lessons 84 & 85

Solve each of the following story problems. (Use any strategy)

Aly has 6 pens. He bought some extra pens. The number of pens with Aly became 17. How many pens did Aly buy ?

6 + ? = 17
17 − 6 = 11
Ali bought 11 extra pens.

There are 14 children playing football. Some children joined them. The number of children became 19. How many children did join them ?

14 + ? = 19
14 + [5] = 19
5 children joined

Sandy baked 6 cupcakes. She baked more cupcakes and finally she had 14 cupcakes. How many more cupcakes did Sandy bake ?

6 + ? = 14
14 − 6 = 8
Sandy baked 8 cupcakes.

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Adam has 9 yellow fish. He added some red fish such that the total number of fish become 13. Find the number of red fish.

9 + ? = 13
9 + [4] = 13
He added 4 red fish.

A team scored 13 goals in the first round and scored some goals in the second round. The total goals in the two rounds is 19 goals. How many goals did this team score in the second round ?

13 + ? = 19
19 − 13 = 6
They scored 6 goals.

There are two flocks of sheep. One contains 8 sheep and the total number of sheep in the two flocks is 17. How many sheep are in the other flock ?

8 + ? = 17
17 − 8 = 9
There are 9 sheep in the other flock.

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Ahmed has 13 stamps. His friend gave him some more stamps. Now, he has 18 stamps.

How many stamps did Ahmed's friend give him ?

13 + ? = 18

18 − 13 = 5

He gave him 5 stamps.

In a class, there are 12 boys. If the total number of boys and girls in this class is 20.

How many girls are in this class ?

12 + ? = 20

1 2 3 4 5 6 7 8

12 + [8] = 20

There are 8 girls in this class.

In one day, Bassem read 7 pages of a book. In the next day he read some pages in the same book. If the total pages he read is 18 pages.

How many pages did he read in the second day ?

7 + ? = 18

1 2 3 4 5 6 7 8 9 10 11

7 + [11] = 18

Bassem read 11 pages in the second day.

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Circle the correct answer.

10 + (5) = 15 (3 or (5) or 8)	(10) + 7 = 17 ((10) or 12 or 9)
(7) + 5 = 12 ((7) or 6 or 5)	13 + (2) = 15 (3 or 12 or (2))
14 + (4) = 18 (16 or 12 or (4))	(5) + 15 = 20 (3 or (5) or 15)

Write the missing number.

15 + (3) = 18	6 + (6) = 12
(4) + 7 = 11	(10) + 5 = 15
13 + (6) = 19	12 + (7) = 19
(7) + 5 = 12	(6) + 8 = 14
8 + (9) = 17	10 + (10) = 20
(10) + 4 = 14	(8) + 8 = 16
9 + (9) = 18	7 + (8) = 15

Place a smiley face

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Exercise 12 Problem solving strategies on subtraction

On Lesson 86

Solve each of the following story problems.

Maged has 12 apples. He gave some of them to his sister and the left is 7 apples.

How many apples did he give to his sister ?

1 2 3 4 5

12 − ? = 7

12 − [5] = 7

Maged gave 5 apples to his sister.

There are 15 carrots. Bunnies ate some of them and 5 carrots are left.

How many carrots did the bunnies eat ?

1 2 3 4 5 6 7 8 9 10

15 − ? = 5

15 − [10] = 5

The bunnies ate 10 carrots.

Heba had 16 books. She gave some of them to her friends. 9 books were left with her.

How many books did she give to her friends ?

1 2 3 4 5 6 7

16 − ? = 9

16 − [7] = 9

Heba gave 7 books her friends.

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19 bees were flying. Some went into the hive. 7 bees are still in the air.

How many bees went into the hive ?

What number should I add to 7 to get 19 ?

19 − ? = 7

7 + ? = 19

7 + [12] = 19

12 bees went into the hive

There were 18 boys on the field. Then, 12 boys left.

How many boys were still on the field ?

What number should I add to 12 to get 18 ?

18 − ? = 12

12 + ? = 18

12 + [6] = 18

6 boys were still on the field

Ali had 16 playing cards. He gave some of them to his friends. 13 cards were left.

How many playing cards did Ali give to his friends ?

16 − ? = 13

13 + ? = 16

13 + [3] = 16

Ali gave 3 cards to his friends

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Draw circles. Write a number sentence to solve.

There were 15 boys at the game.
Then, 6 boys went home.
How many boys are still at the game ?
15 - [9] = 6

There were 18 grapes.
Mark ate 5 of them.
How many grapes are left ?
18 - [13] = 5

Amgad had 17 toys, he sold some of them and the left with him is 8.
How many toys did Amgad sell ?
17 - [9] = 8

Ahmed had 13 pencils.
He gave away 9 of them.
How many pencils does he have now ?
13 - [4] = 9

Dina had 20 flowers in her garden.
She picked some of them and there are 12 flowers were left in the garden.
How many flowers did Dina pick ?
20 - [8] = 12

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Write the missing number.

13 − (9) = 4

17 − (12) = 5

12 − (3) = 9

15 − (5) = 10

14 − (7) = 7

18 − (10) = 8

19 − (8) = 11

20 − (8) = 12

16 − (8) = 8

19 − (9) = 10

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Choose.

12 − (8) = 4 (8 or 9 or 7)	15 − (4) = 11 (5 or 4 or 9)
9 − (6) = 3 (12 or 6 or 3)	20 − (12) = 8 (18 or 12 or 14)
16 − (2) = 14 (4 or 2 or 6)	18 − (10) = 8 (8 or 9 or 10)
14 − (7) = 7 (14 or 10 or 7)	13 − (7) = 6 (6 or 7 or 8)

Match.

15 − ◯ = 5 → 10
12 − ◯ = 7 → 5
14 − ◯ = 3 → 11
17 − ◯ = 8 → 9

Write (✓) to the correct statement and (✗) to the incorrect statement.

8 − 5 = 3	(✓)	15 − 4 = 13	(✗)
11 − 2 = 9	(✓)	16 − 10 = 6	(✓)
19 − 6 = 3	(✗)	18 − 8 = 8	(✗)
14 − 7 = 8	(✗)	20 − 5 = 15	(✓)

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Write the missing numbers (you may draw circles).

9 − (5) = 4	8 − (3) = 5
12 − (9) = 3	16 − (7) = 9
17 − (10) = 7	15 − (5) = 10
16 − (8) = 8	14 − (9) = 5
13 − (0) = 13	16 − (5) = 11
19 − (11) = 8	12 − (6) = 6
17 − (15) = 2	14 − (1) = 13
11 − (8) = 3	19 − (9) = 10
18 − (9) = 9	13 − (5) = 8
15 − (8) = 7	14 − (7) = 7
12 − (10) = 2	20 − (10) = 10
19 − (0) = 19	16 − (13) = 3

Place a smiley face

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Exercise 13

- Counting forward by tens
- Counting backward by ones and tens

On Lessons 87 to 90 (A)

Start on the given number. Count forward by tens. Write the number you say. *Use the hundred chart if you need.*

Start on 6: 16 . 26 . 36 . 46 . 56 . 66 . 76

Start on 4: 14 . 24 . 34 . 44 . 54 . 64 . 74

Start on 7: 17 . 27 . 37 . 47 . 57 . 67 . 77

Start on 3: 13 . 23 . 33 . 43 . 53 . 63 . 73

Start on 5: 15 . 25 . 35 . 45 . 55 . 65 . 75

Start on 9: 19 . 29 . 39 . 49 . 59 . 69 . 79

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Circle the number that comes next.

- 6 , 16 , 26 , ... — **36** or 46
- 25 , 35 , 45 , 55 , ... — 50 or **65**
- 57 , 67 , 77 , 87 , ... — 79 or **97**
- 33 , 43 , 53 , 63 , ... — 70 or **73**
- 42 , 52 , 62 , 72 , ... — 92 or **82**
- 10 , 20 , 30 , 40 , ... — **50** or 55

Count forward by tens. Write the numbers.

- 3 , 13 , 23 , 33 , 43
- 18 , 28 , 38 , 48 , 58
- 47 , 57 , 67 , 77 , 87
- 29 , 39 , 49 , 59 , 69
- 36 , 46 , 56 , 66 , 76 , 86
- 41 , 51 , 61 , 71 , 81 , 91
- 24 , 34 , 44 , 54 , 64 , 74
- 12 , 22 , 32 , 42 , 52 , 62
- 45 , 55 , 65 , 75 , 85 , 95
- 6 , 16 , 26 , 36 , 46 , 56

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Start on the given number. Count backward by ones. Write the number you say. *Use the hundred chart if you need.*

Start on 70: 69 . 68 . 67 . 66 . 65 . 64 . 63

Start on 55: 54 . 53 . 52 . 51 . 50 . 49 . 48

Start on 45: 44 . 43 . 42 . 41 . 40 . 39 . 38

Start on 33: 32 . 31 . 30 . 29 . 28 . 27 . 26

Start on 12: 11 . 10 . 9 . 8 . 7 . 6 . 5

Start on 79: 78 . 77 . 76 . 75 . 74 . 73 . 72

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Start on the given number. Count backward by tens. Write the number you say. *Use the hundred chart if you need.*

Start on 86: 76 . 66 . 56 . 46 . 36 . 26 . 16

Start on 68: 58 . 48 . 38 . 28 . 18 . 8

Start on 55: 45 . 35 . 25 . 15 . 5

Start on 74: 64 . 54 . 44 . 34 . 24 . 14 . 4

Start on 61: 51 . 41 . 31 . 21 . 11 . 1

Start on 94: 84 . 74 . 64 . 54 . 44 . 34 . 24

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Count backward by ones or tens. Circle the number that comes next.

- 21 , 20 , 19 , ... — **(18)** or 9
- 55 , 45 , 35 , ... — 34 or **(25)**
- 42 , 41 , 40 , ... — 49 or **(39)**
- 23 , 22 , 21 , 20 , ... — 10 or **(19)**
- 57 , 47 , 37 , 27 , ... — **(17)** or 7
- 82 , 72 , 62 , 52 , ... — **(42)** or 32

Count backward by ones or tens. Write the numbers.

- 85 , 84 , 83 , 82 , 81
- 33 , 32 , 31 , 30 , 29
- 50 , 40 , 30 , 20 , 10
- 67 , 66 , 65 , 64 , 63
- 74 , 73 , 72 , 71 , 70 , 69
- 91 , 81 , 71 , 61 , 51 , 41
- 22 , 21 , 20 , 19 , 18 , 17
- 45 , 44 , 43 , 42 , 41 , 40
- 86 , 76 , 66 , 56 , 46 , 36
- 95 , 85 , 75 , 65 , 55 , 45

Place a smiley face

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Exercise 14 — Money again

On Lessons 87 to 90 (B)

Join.

Write the amount of each banknote.

10 L.E. | 50 L.E. | 5 L.E. | 20 L.E. | 1 L.E. | 100 L.E. | 1 L.E.

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Circle the correct amount.

- 55 L.E. or **(45 L.E.)**
- **(90 L.E.)** or 80 L.E.
- **(76 L.E.)** or 67 L.E.
- **(39 L.E.)** or 40 L.E.
- **(88 L.E.)** or 83 L.E.
- 72 L.E. or **(82 L.E.)**

Write the price of each item.

40 L.E. | 72 L.E. | 72 L.E. | 56 L.E.

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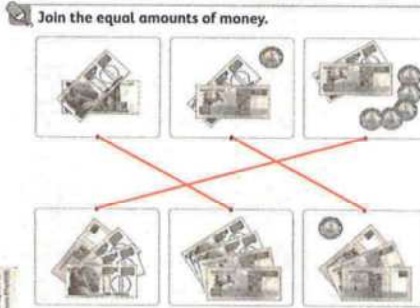
Join each item to its price.

Join the equal amounts of money.



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Write the amount of money.

50 L.E.	60 L.E.
80 L.E.	81 L.E.
25 L.E.	87 L.E.

Write (✓) to the correct statement and (X) to the incorrect statement.

- are 35 L.E. (✓)
- are 80 L.E. (X)
- are 96 L.E. (✓)
- are 80 L.E. (X)
- are 100 L.E. (✓)
- are 86 L.E. (X)

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Circle to show each of the following amounts of money.

Answers may vary

- 35 L.E.: **10 L.E.** **10 L.E.** **10 L.E.** **5 L.E.** 5 L.E.
- 65 L.E.: **50 L.E.** 20 L.E. **10 L.E.** **5 L.E.** 5 L.E.
- 95 L.E.: **50 L.E.** **20 L.E.** **20 L.E.** 10 L.E. **5 L.E.** 5 L.E.
- 50 L.E.: **20 L.E.** **10 L.E.** **20 L.E.** 5 L.E. 20 L.E. 5 L.E.
- 75 L.E.: **20 L.E.** **50 L.E.** 10 L.E. **5 L.E.** 5 L.E.
- 100 L.E.: **50 L.E.** **20 L.E.** **20 L.E.** 5 L.E. 5 L.E. **10 L.E.**
- 80 L.E.: **50 L.E.** 5 L.E. 5 L.E. **10 L.E.** **20 L.E.**
- 60 L.E.: **20 L.E.** **20 L.E.** **10 L.E.** **10 L.E.** 20 L.E.

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Join.

40 L.E. – 10 L.E.	30 L.E.
100 L.E. – 20 L.E.	80 L.E.
73 L.E. – 1 L.E.	72 L.E.
50 L.E. – 10 L.E.	40 L.E.
82 L.E. – 20 L.E.	62 L.E.

Subtract the amount.

60 L.E. – 10 L.E. = 50 L.E.	95 L.E. – 10 L.E. = 85 L.E.
80 L.E. – 20 L.E. = 60 L.E.	100 L.E. – 1 L.E. = 99 L.E.
74 L.E. – 20 L.E. = 54 L.E.	83 L.E. – 10 L.E. = 73 L.E.
56 L.E. – 1 L.E. = 55 L.E.	39 L.E. – 20 L.E. = 19 L.E.
96 L.E. – 20 L.E. = 76 L.E.	18 L.E. – 1 L.E. = 17 L.E.
27 L.E. – 1 L.E. = 26 L.E.	55 L.E. – 10 L.E. = 45 L.E.
5 L.E. – 1 L.E. = 4 L.E.	28 L.E. – 20 L.E. = 8 L.E.
100 L.E. – 10 L.E. = 90 L.E.	91 L.E. – 10 L.E. = 81 L.E.
50 L.E. – 1 L.E. = 49 L.E.	67 L.E. – 20 L.E. = 47 L.E.

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Complete.

100 L.E. → – 10 L.E. → 90 L.E. → – 10 L.E. → 80 L.E. → –20 L.E. → 60 L.E. → – 20 L.E. → 40 L.E. → – 10 L.E. → 30 L.E. → –20 L.E. → 10 L.E. → – 10 L.E. → 0 L.E.

Place a smiley face

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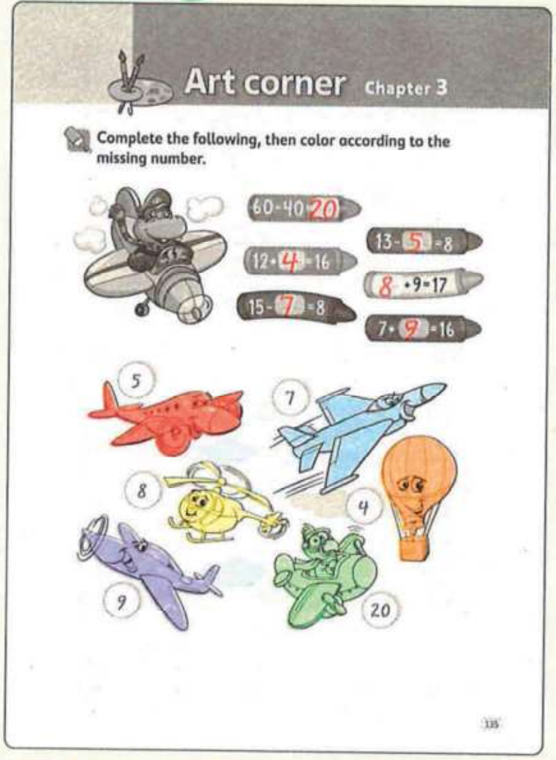

Art corner Chapter 3

Complete the following, then color according to the missing number.

60 - 40 = 20

13 - 5 = 8

12 + 4 = 16

8 + 9 = 17

15 - 7 = 8

7 + 9 = 16

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Exercise 15

- Subtracting multiples of 10 from two-digit numbers
- Adding multiples of 10 to two-digit numbers

On Lessons 91 to 95 (A)

Subtract. The first one in done for you.

35 - 20	59 - 10	74 - 50	47 - 20
35 − 20 = 15	59 − 10 = 49	74 − 50 = 24	47 − 20 = 27
35 - 20 = 15	59 - 10 = 49	74 - 50 = 24	47 - 20 = 27

81 - 60	93 - 30	67 - 60	19 - 10
81 − 60 = 21	93 − 30 = 63	67 − 60 = 7	19 − 10 = 9
81 - 60 = 21	93 - 30 = 63	67 - 60 = 7	19 - 10 = 9

43 - 30	99 - 70	72 - 10	85 - 50
43 − 30 = 13	99 − 70 = 29	72 − 10 = 62	85 − 50 = 35
43 - 30 = 13	99 - 70 = 29	72 - 10 = 62	85 - 50 = 35

57 - 20	93 - 80	28 - 20	61 - 30
57 − 20 = 37	93 − 80 = 13	28 − 20 = 8	61 − 30 = 31
57 - 20 = 37	93 - 80 = 13	28 - 20 = 8	61 - 30 = 31

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Subtract.

48 − 30 = 18	35 − 10 = 25	73 − 20 = 53
85 − 80 = 5	69 − 40 = 29	24 − 10 = 14
91 − 50 = 41	82 − 60 = 22	75 − 30 = 45
36 − 30 = 6	47 − 20 = 27	55 − 40 = 15
63 − 40 = 23	12 − 10 = 2	86 − 70 = 16

Subtract.

85 − 30 = 55	64 − 40 = 24	95 − 20 = 75	77 − 50 = 27	81 − 40 = 41
42 − 30 = 12	59 − 20 = 39	74 − 20 = 54	37 − 10 = 27	97 − 40 = 57
88 − 50 = 38	96 − 60 = 36	18 − 10 = 8	29 − 20 = 9	92 − 80 = 12
74 − 70 = 4	32 − 10 = 22	54 − 40 = 14	91 − 50 = 41	66 − 30 = 36

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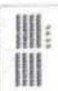
Complete.

tens	ones
6	2
+ 3	0
9	2

tens	ones
2	7
+ 5	0
7	7



tens	ones
4	4
+ 4	0
8	4

Add. The first one is done for you.

35 + 20	29 + 10	16 + 50	53 + 20
35 + 20 = 55	29 + 10 = 39	16 + 50 = 66	53 + 20 = 73
35 + 20 = 55	29+10=39	16+50=66	53+20=73

31 + 40	25 + 70	57 + 20	12 + 80
31 + 40 = 71	25 + 70 = 95	57 + 20 = 77	12 + 80 = 92
31+40=71	25+70=95	57+20=77	12+80=92

8 + 90	19 + 60	62 + 10	53 + 30
8 + 90 = 98	19 + 60 = 79	62 + 10 = 72	53 + 30 = 83
8+90=98	19+60=79	62+10=72	53+30=83

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Add.

22 + 50 = 75	37 + 20 = 57	65 + 30 = 95
46 + 40 = 86	8 + 60 = 68	14 + 80 = 94
53 + 30 = 83	27 + 20 = 47	39 + 40 = 79
31 + 10 = 41	19 + 70 = 89	8 + 90 = 98
14 + 60 = 74	62 + 20 = 82	48 + 30 = 78

Add.

26 + 30 = 56	48 + 20 = 68	55 + 40 = 95	76 + 10 = 86	35 + 50 = 85
17 + 60 = 77	32 + 50 = 82	68 + 10 = 78	5 + 90 = 95	61 + 30 = 91
11 + 80 = 91	39 + 60 = 99	25 + 40 = 65	13 + 70 = 83	17 + 50 = 67
6 + 80 = 86	24 + 50 = 74	3 + 10 = 13	42 + 20 = 62	59 + 40 = 99

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Match.

14 + 20	72 − 20	52 + 20	77 − 60	87 + 10	94 − 30
34	52	72	17	97	64

17 34 52 72 64 97

Choose the correct answer.

- 52 + 30 = 82 (72 or **82**)
- 76 − 20 = 56 (**56** or 96)
- 17 + 10 = 27 (**27** or 7)
- 85 − 50 = 35 (25 or **35**)
- 45 + 20 = 65 (25 or **65**)
- 72 − 10 = 62 (82 or **62**)
- 33 + 40 = 73 (63 or **73**)
- 94 − 60 = 34 (**34** or 24)
- 20 + 58 = 78 (**78** or 88)
- 18 − 10 = 8 (**8** or 28)
- 24 + 70 = 94 (**70** or 80)
- 56 − 30 = 26 (20 or **30**)
- 50 + 13 = 63 (70 or **50**)
- 78 − 40 = 38 (**78** or 18)

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Write (✓) to the correct statement and (X) to the incorrect statement.

Statement	Answer	Statement	Answer
32 + 20 = 52	(✓)	62 − 30 = 32	(✓)
49 + 10 = 39	(X)	74 − 40 = 44	(X)
26 + 60 = 86	(✓)	18 − 10 = 28	(X)
55 + 30 = 25	(X)	85 − 50 = 35	(✓)
40 + 27 = 67	(✓)	91 − 10 = 71	(X)

Find the answer, then write ">, < or =".

26 + 20 = 46	<	87 − 40 = 47	91 − 70 = 21	<	12 + 10 = 22
35 + 30 = 65	=	75 − 10 = 65	88 − 50 = 38	<	28 + 20 = 48
20 + 56 = 76	<	67 + 10 = 77	42 − 20 = 22	>	51 − 30 = 21
69 − 20 = 49	=	20 + 29 = 49	83 − 50 = 33	<	15 + 20 = 35
92 − 60 = 32	<	33 + 30 = 63	14 + 10 = 24	<	55 − 30 = 25

Place a smiley face

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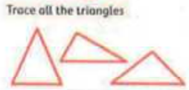
Exercise 16 Two-dimensional shapes (2D shapes)

On Lessons 91 to 95 (B)

Trace the triangles to make tents.

Trace: Triangle

Trace all the triangles



Trace the circles to make the car's wheels.

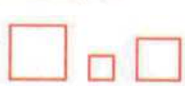
Trace: Circle

Trace all the circles

Trace the squares to make presents.

Trace: Square

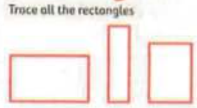
Trace all the squares



Trace the rectangles to make doors.

Trace: Rectangle

Trace all the rectangles



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Color the picture. Then choose the correct answer.

Red Yellow Green Blue

- How many squares? (1 or **2** or 3)
- How many triangles? (1 or 2 or **3**)
- How many rectangles? (**2** or 3 or 4)
- How many circles? (2 or 3 or **4**)

Match.

Circle Rectangle Triangle Square

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Use ✏ to trace each side. Write how many sides in each shape.
Use ✏ to circle each corner. Write how many corners in each shape.

3 sides (triangle) 3 corners | 4 sides (square) 4 corners

4 sides (rectangle) 4 corners | 0 sides (circle) 0 corners

Use the dots to draw.

- Draw a square.
- Draw a different square.
- Draw a rectangle.
- Draw a different rectangle.
- Draw a triangle.
- Draw a different triangle.

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Look and count.

- How many squares ? 2
- How many triangles ? 3
- How many circles ? 2
- How many rectangles ? 5

Complete each of the following.

- Number of sides is 4
- Number of corners is 4

- Number of sides is 4
- Number of corners is 4

- Number of sides is 3
- Number of corners is 3

- Number of sides is 0
- Number of corners is 0

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Write (✓) to the correct statement and (X) to the incorrect statement.

- Square has 3 equal sides in length. (X)
- Circle has no corners. (✓)
- Rectangle has 4 sides each two opposite sides are equal in length. (✓)
- Square has 4 corners. (✓)
- Triangle has 3 sides and 3 corners. (✓)
- Rectangles and squares have the same number of sides and corners. (✓)

Choose the correct answer.

- The shape which represents square is ☐ (▭ or △ or ☐)
- Triangle has 3 corners. (3 or 4 or 0)
- Rectangle has 4 sides. (Circle or Rectangle or Triangle)
- The number of sides of a circle < the number of sides of a triangle (> or < or =)
- Each two sides meet at a corner (side or corner or circle)
- Square has 4 equal sides. (Circle or Rectangle or Square)
- The number of corners of a triangle = the number of sides of a triangle (> or < or =)

Place a smiley face

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Exercise 17 Three-dimensional shapes (3D shapes or solids)

On Lessons 91 to 95 (C)

Trace and write the name of each solid.

- Cube
- Rectangular prism Cuboid
- Square-based pyramid
- Cone
- Cylinder
- Sphere

Hint for parents: Your child should understand the difference between cubes and rectangular prisms as they understand the difference between squares and rectangles.

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Cross out the item that does not belong in each row.

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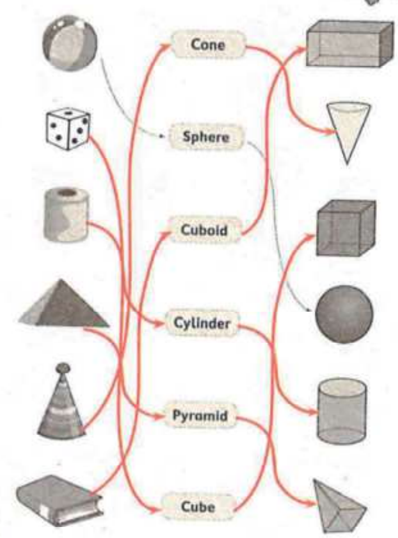
Join each shape with its name.
The first one is done for you.



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Name each solid and write the missing numbers.

Solid	Name	Corners	Edges	Flat faces	Curved face	Has a pointy top?
	Cube	8	12	6	0	No
	Cuboid	8	12	6	0	No
	Square-based pyramid	4	8	5	0	Yes
	Cylinder	0	0	2	1	No
	Cone	0	0	1	1	Yes
	Sphere	0	0	0	1	No

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Circle each solid with only a curved face.

Circle each solid with only flat faces.

Circle each solid with both curved and flat faces.

Write ">, < or =".

- The number of edges of a cube = the number of edges of a cuboid
- The number of corners of a cuboid > the number of corners of a cylinder
- The number of faces of a cube > the number of faces of a cone
- The number of corners of a sphere < the number of flat faces of a cylinder
- The number of edges of a cone < the number of corners of a cuboid

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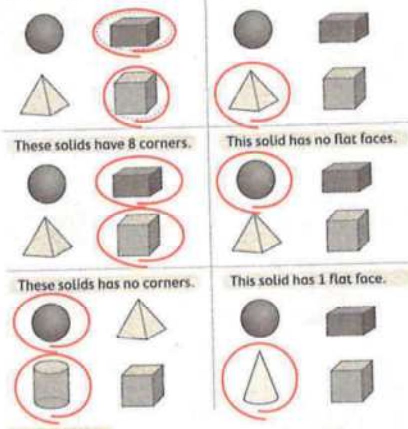
Use solids.
Circle the pictures that match the sentences.

These solids have 6 faces. | This solid has 5 corners.

These solids have 8 corners. | This solid has no flat faces.

These solids has no corners. | This solid has 1 flat face.



Problem Solving

Logical Reasoning

Draw the solid that solves the riddle.
I am curved.
I am shaped like a beach ball.

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Circle the correct one.

- How many faces of a cube?
  4 **6** 8
- How many corners of a rectangular prism?
  12 6 **8**
- What is the shape of the base of a cone?
  square triangle **circle**
- What is the shape of each face of a cube?
  rectangle **square** triangle
- How many circular bases of a cylinder?
  1 **2** 3
- How many corners of a sphere?
  0 1 2
- Which solid has 1 circular base?
  cylinder sphere **cone**
- Which solid has 12 edges?
  cone **cube** cylinder
- How many curved face of a cone?
  0 **1** 2
- How many trianglular flat faces of a square-based pyramid?
  2 **4** 6

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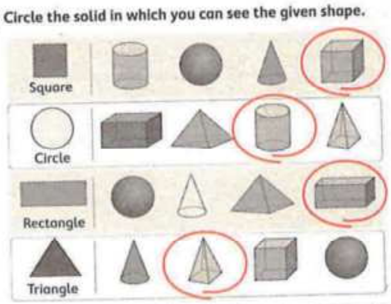
Circle the solid in which you can see the given shape.



Complete.

- The base of the cone is in the shape of a circle
- The number of corners of a cylinder is 0
- The number of edges of a cube is 12
- The number of corners of a cuboid is 8
- Each face of the faces of the cube is a square
- The number of faces of a cuboid is 6
- The number of corners of a squared-based pyramid is 4
- The solid which has 2 circular bases is cylinder
- The number of edges of a sphere is 0
- The base of the of squared-based pyramid is in the shape of a square
- The solids which have 1 curved face are cone and sphere

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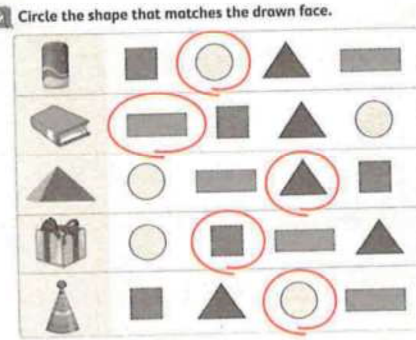
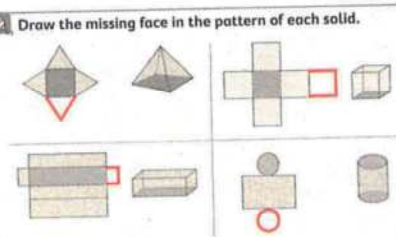
Circle the shape that matches the drawn face.



Draw the missing face in the pattern of each solid.



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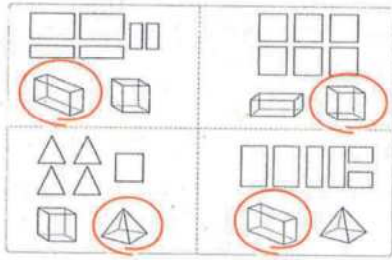
Look at the faces on the solid figure.
Circle the solid you can use to trace the faces.



Write (✓) to the correct statement and (X) to the incorrect statement.

- Cube has 12 edges. (✓)
- Cylinder has 1 circuler flat face. (X)
- Square-based pyramid has 6 corners. (X)
- Cuboid has 8 corners. (✓)
- The base of a cone is in the shape of a square. (X)
- In the rectangular prism, each two opposite faces have the same size. (✓)
- The number of edges of a cube is equal to the number of edges of a square-based pyramid. (X)
- The number of corners of a cuboid is greater than the number of corners of a cube. (X)

Place a smiley face

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Exercise 18
- Half
- Quarter (one fourth)

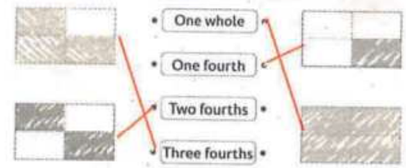
On Lessons 96 & 97

Trace.

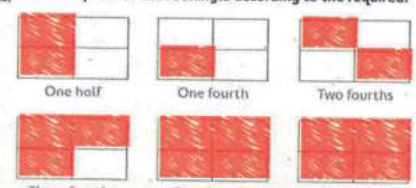
Half Half Half

Quarter Quarter

Match the name of the colored part.



Color the parts of the rectangle according to the required.



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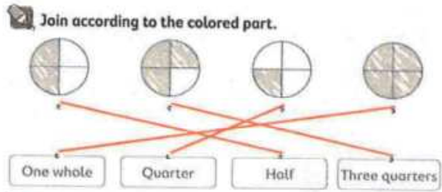
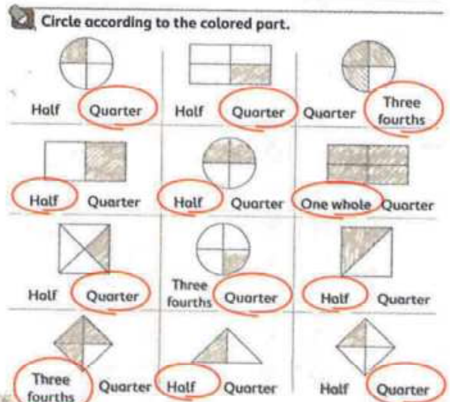
Join according to the colored part.



Circle according to the colored part.



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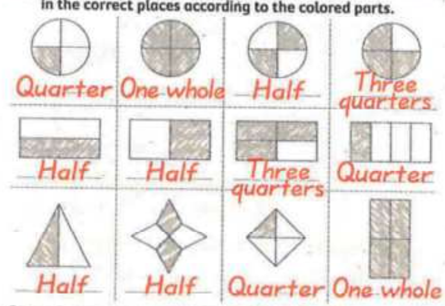
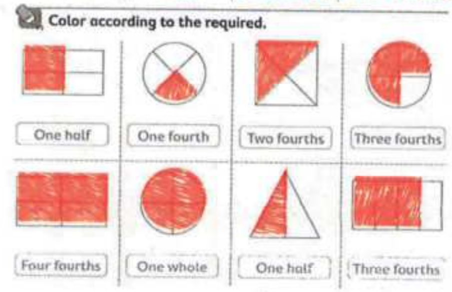
Write the words "Half - Quarter - Three quarters - One whole" in the correct places according to the colored parts.



Color according to the required.



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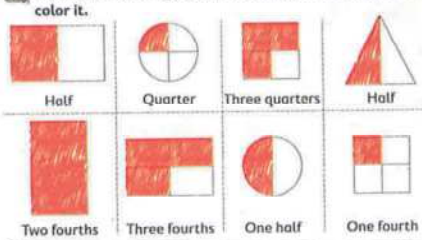
Divide the following shapes according to the required and color it.



Answer the following questions.

- How many quarters are in a whole one ? 4
- How many halves are in a whole one ? 2
- How many quarters are in a half ? 2

Write (✓) to the correct statement and (X) to the incorrect statement.

- When we divide one whole into 2 equal parts, each part is called a half. (✓)
- The colored part represents three quarters. (X)
- When we divide one whole into 3 equal parts, each part is called a quarter. (X)
- The colored parts represent a half. (✓)
- There are 2 quarters in one half. (✓)
- There is 1 half in one whole. (X)
- The colored parts represent three halves. (X)
- There are 4 quarters in one whole. (✓)

Place a smiley face

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Exercise 19 Decomposing a number within 10 into two parts

On Lessons 98 to 100

Decompose the number 2 into two parts. (Answers may vary)

2 → 2, 0: 2 + 0 = 2
2 → 1, 1: 1 + 1 = 2

Decompose the number 3 into two parts. (Answers may vary)

3 → 1, 2: 1 + 2 = 3
3 → 3, 0: 3 + 0 = 3

Decompose the number 4 into two parts. (Answers may vary)

4 → 1, 3: 1 + 3 = 4
4 → 2, 2: 2 + 2 = 4
4 → 4, 0: 4 + 0 = 4

Decompose the number 5 into two parts. (Answers may vary)

5 → 1, 4: 1 + 4 = 5
5 → 2, 3: 2 + 3 = 5
5 → 5, 0: 5 + 0 = 5

Decompose the number 6 into two parts. (Answers may vary)

6 → 1, 5: 1 + 5 = 6
6 → 2, 4: 2 + 4 = 6
6 → 3, 3: 3 + 3 = 6

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Use ● and ● to make 7. Color. Write the addition sentence. The first one is done for you.

7 + 0 = 7

6 + 1 = 7

5 + 2 = 7 | 4 + 3 = 7 | 3 + 4 = 7

2 + 5 = 7 | 1 + 6 = 7 | 0 + 7 = 7

Find the ways to make 8. Complete the table.

There are many ways you can put 8 ● into 2 bags.

Bag	Bag	In All
0	8	8
1	7	8
2	6	8
3	5	8
4	4	8
5	3	8
6	2	8
7	1	8
8	0	8

- Write the addition sentence.

0 + 8 = 8
1 + 7 = 8
2 + 6 = 8
3 + 5 = 8
4 + 4 = 8
5 + 3 = 8
6 + 2 = 8
7 + 1 = 8
8 + 0 = 8

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Find the ways to make 9.

How can you hold 9 into 2 hands?

Hand	Hand	In All
0	9	9
1	8	9
2	7	9
3	6	9
4	5	9
5	4	9
6	3	9
7	2	9
8	1	9
9	0	9

Find the ways to make 10.

How can you put 10 into 2 gloves?

Glove	Glove	In All
0	10	10
1	9	10
2	8	10
3	7	10
4	6	10
5	5	10
6	4	10
7	3	10
8	2	10
9	1	10
10	0	10

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Match the number bond to the total number.

(3)(1) — 4
(0)(7) — 7
(4)(2) — 6
(6)(2) — 8
(5)(4) — 9

9 4 6 7 8

Write (✓) to the correct statement and (X) to the incorrect statement.

- 7 and 1 make 8 (✓)
- 0 and 4 make 4 (✓)
- 2 and 6 make 7 (X)
- 9 and 0 make 10 (X)
- 5 and 2 make 6 (X)
- 8 and 1 make 9 (✓)
- 5 and 5 make 5 (X)
- 1 and 1 make 2 (✓)

Choose the correct answer.

- 2 + 1 = 3 — 0 or (1)
- 7 + 2 = 9 — (2) or 8
- 5 + 4 = 9 — 1 or (9)
- 0 + 4 = 4 — 0 or (4)
- 4 + 2 = 6 — (6) or 8
- 8 + 0 = 8 — 0 or (8)
- 6 + 1 = 7 — (6) or 8
- 4 + 4 = 8 — 3 or (4)

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Complete.

2: 2 + 0 = 2 | 1 + 1 = 2 | 0 + 2 = 2

3: 3 + 0 = 3 | 2 + 1 = 3 | 1 + 2 = 3 | 0 + 3 = 3

4: 4 + 0 = 4 | 2 + 2 = 4 | 1 + 3 = 4 | 3 + 1 = 4 | 2 + 2 = 4

5: 5 + 0 = 5 | 0 + 5 = 5 | 1 + 4 = 5 | 2 + 3 = 5 | 3 + 2 = 5 | 4 + 1 = 5

6: 6 + 0 = 6 | 0 + 6 = 6 | 1 + 5 = 6 | 5 + 1 = 6 | 3 + 3 = 6 | 2 + 4 = 6 | 4 + 2 = 6

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7: 7 + 0 = 7 | 0 + 7 = 7 | 3 + 4 = 7 | 1 + 6 = 7 | 6 + 1 = 7 | 4 + 3 = 7 | 2 + 5 = 7 | 5 + 2 = 7

8: 8 + 0 = 8 | 1 + 7 = 8 | 5 + 3 = 8 | 7 + 1 = 8 | 2 + 6 = 8 | 3 + 5 = 8 | 6 + 2 = 8 | 4 + 4 = 8 | 0 + 8 = 8

9: 9 + 0 = 9 | 8 + 1 = 9 | 7 + 2 = 9 | 6 + 3 = 9 | 5 + 4 = 9 | 4 + 5 = 9 | 3 + 6 = 9 | 2 + 7 = 9 | 1 + 8 = 9 | 0 + 9 = 9

10: 10 + 0 = 10 | 9 + 1 = 10 | 8 + 2 = 10 | 1 + 9 = 10 | 7 + 3 = 10 | 6 + 4 = 10 | 5 + 5 = 10 | 4 + 6 = 10 | 3 + 7 = 10 | 2 + 8 = 10 | 0 + 10 = 10

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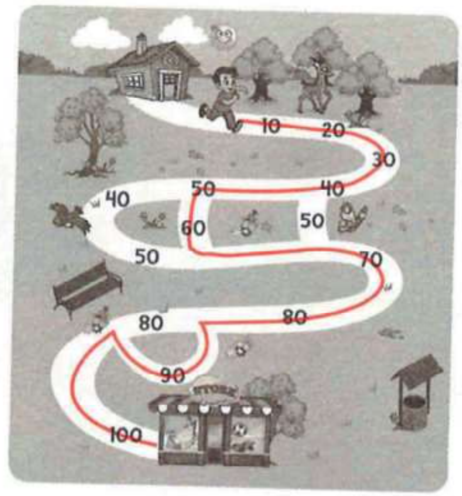
Count in order by tens to draw the path that the boy takes to the store.



Place a smiley face

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Art corner Chapter 4

Color the picture.

brown | orange | green | blue

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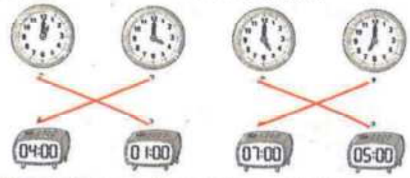
Exercise 20 Telling time

On Lessons 101 & 102

Join the clocks that show the same time.



Draw the hour hand on each clock face. Write the time on the digital clock.

2 o'clock — 2:00	8 o'clock — 8:00
6 o'clock — 6:00	12 o'clock — 12:00
11 o'clock — 11:00	9 o'clock — 9:00
3 o'clock — 3:00	1 o'clock — 1:00

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Draw the hands according to the time.

In each row. Write the number that tells the hour. Circle the two clocks that show the same time.

3 o'clock.	6 o'clock.	03:00 — 3 o'clock.
9 o'clock.	09:00 — 9 o'clock.	12 o'clock.
11:00 — 11 o'clock.	10 o'clock.	10:00 — 10 o'clock.
04:00 — 4 o'clock.	01:00 — 1 o'clock.	4 o'clock.

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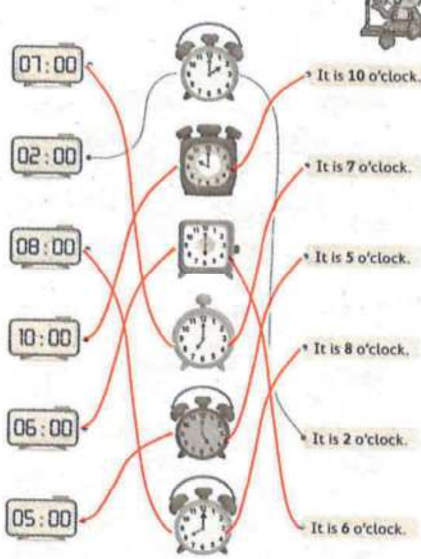
Match the same time.



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Choose the correct answer.

- The analog clock which shows 7 o'clock is (or)
- The digital clock which shows 5 o'clock is (05:00 or 00:05)
- The analog clock shows ...... (3 o'clock or 12 o'clock)
- 04:00 The digital clock shows ...... (5 o'clock or 4 o'clock)
- The day is ...... hours. (24 or 42)
- When the hour hand points to 6 and the minute hand points to 12, it is ...... o'clock. (6 or 12)

Write (✓) to the correct statement and (✗) to the incorrect statement.

- If it is 7 o'clock in the morning, we say that 7 A.M. (✓)
- 03:00 The digital clock shows the same as (✗)
- We say 10 o'clock when the minute hand points at 10. (✗)
- If it is 9 o'clock, then the hour hand points to 9. (✓)
- If it is 8 P.M., that means we are in the afternoon. (✓)
- The analog clock shows the same as 12:00 (✓)

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Tell the time that you do the following activities.

You can write your own times

It is 6 AM o'clock.

It is 7 AM o'clock.

It is 8 AM o'clock.

It is 2 PM o'clock.

It is 6 PM o'clock.

It is 8 PM o'clock.

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Make your own schedule.
The first one is done for you.

7:00	It is 7 o'clock.
8:00	It is 8 o'clock.
2:00	It is 2 o'clock.
4:00	It is 4 o'clock.
5:00	It is 5 o'clock.
8:00	It is 8 o'clock.

Place a smiley face

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Exercise 21 Addition / subtraction games

On Lessons 103 & 104

Complete.

- 8 (+2) 10 (−3) 7 (+7) 14 (−5) 9
- 6 (+5) 11 (+3) 14 (−4) 10 (+6) 16
- 15 (−3) 12 (−4) 8 (+2) 10 (+5) 15
- 3 (+7) 10 (−2) 8 (−4) 4 (+5) 9
- 4 (+3) 7 (−1) 6 (+4) 10 (−2) 8
- 12 (−2) 10 (+6) 16 (−4) 12 (+5) 17
- 14 (−1) 13 (−3) 10 (−2) 8 (+6) 14
- 7 (+5) 12 (−6) 6 (+9) 15 (−1) 14

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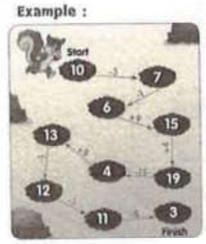
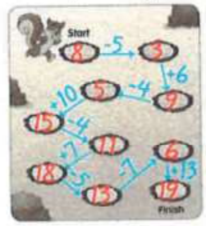
Help the squirrel to find new path between the holes using addition and subtraction as in the example.

Example :



Put 10 numbers between 1 and 20 in each hole, then draw a path for the squirrel to visit all the holes.



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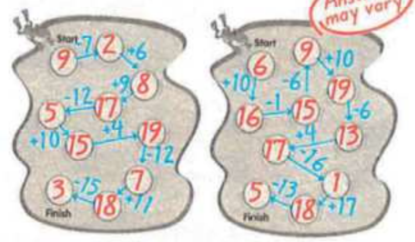
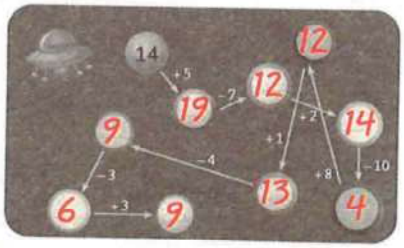
Write 10 numbers between 1 and 20 in the ◯, then help the frog to jump over all the numbers.



Complete.



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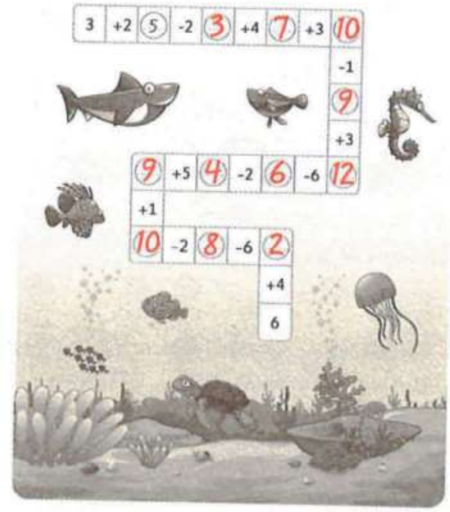
Follow the path around the animals that like water. Find the sums and differences.



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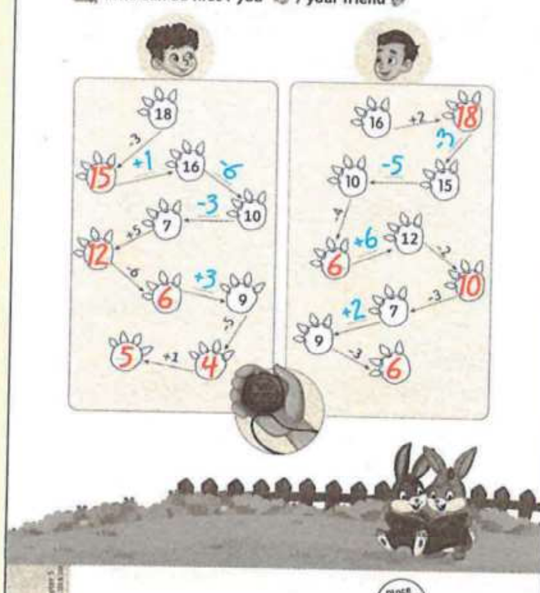
Who can do first ? you / your friend



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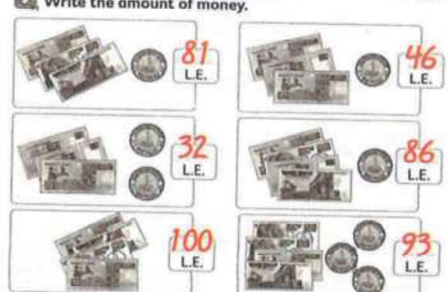
Exercise 22 More money

On Lessons 105 & 106

Choose the correct amount.

Write the amount of money.



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Join the equal amounts of money.

Choose the correct amount.

42 L.E. or 47 L.E. — 83 L.E. or 93 L.E. — 33 L.E. or 23 L.E.

72 L.E. or 82 L.E. — 80 L.E. or 90 L.E. — 85 L.E. or 95 L.E.

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Circle the amount of money you need exactly to buy each item. The first one is done for you.

Answers may vary

92 pounds

49 pounds

74 pounds

17 pounds

91 pounds

202

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Count the amount of money. Write the amount. Draw 🙂 if the amount can buy the item. Draw ☹ if the amount can not buy the item.

25 L.E. 🙂

50 L.E. ☹

79 L.E. 🙂

97 L.E. 🙂

87 L.E. ☹

203

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Draw a simple note 1 5 10 20 50 to get the required amount of money.

Answers may vary.

82 pounds — 38 L.E.

75 pounds — 46 L.E.

93 L.E. — 57 pounds

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Exchange each amount of money.

60 L.E. = 20 L.E. + 20 L.E. + 10 L.E. + 10 L.E.
or = 50 L.E. + 10 L.E.
or = 50 L.E. + 5 L.E. + 5 L.E.

40 L.E. = 20 L.E. + 20 L.E.
or = 20 L.E. + 10 L.E. + 10 L.E.
or = 10 L.E. + 10 L.E. + 10 L.E. + 5 L.E. + 5 L.E.

35 L.E. = 20 L.E. + 10 L.E. + 5 L.E.
or = 10 L.E. + 10 L.E. + 10 L.E. + 5 L.E.
or = 20 L.E. + 5 L.E. + 5 L.E. + 5 L.E.

78 L.E. = 50 L.E. + 20 L.E. + 5 L.E. + 1 L.E. + 1 L.E. + 1 L.E.
or = 50 L.E. + 10 L.E. + 10 L.E. + 5 L.E. + 1 L.E. + 1 L.E. + 1 L.E.
or = 20 L.E. + 20 L.E. + 20 L.E. + 10 L.E. + 5 L.E. + 1 L.E. + 1 L.E. + 1 L.E.

94 L.E. = 50 L.E. + 20 L.E. + 20 L.E. + 1 L.E. + 1 L.E. + 1 L.E. + 1 L.E.
or = 50 L.E. + 10 L.E. + 10 L.E. + 20 L.E. + 1 L.E. + 1 L.E. + 1 L.E. + 1 L.E.
or = 20 L.E. + 20 L.E. + 20 L.E. + 20 L.E. + 10 L.E. + 1 L.E. + 1 L.E. + 1 L.E. + 1 L.E.

81 L.E. = 20 L.E. + 20 L.E. + 20 L.E. + 20 L.E. + 1 L.E.
or = 50 L.E. + 20 L.E. + 10 L.E. + 1 L.E.
or = 50 L.E. + 10 L.E. + 10 L.E. + 5 L.E. + 5 L.E. + 1 L.E.

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Use a hundred chart to solve each problem.

Hany has 50 L.E. He bought a book for 40 L.E.
How much money is remained with Hany ?
50 − 40 = ?
50 − 40 = 10
The remained money with Hany = 10 L.E.

Sylvia has 35 L.E. She bought sweets for 20 L.E.
How much money is remained with Sylvia ?
35 − 20 = ?
35 − 20 = 15
The remained money with Sylvia = 15 L.E.

Amany had 76 L.E. She bought some fruits. The remained was 10 L.E.
How much money did the fruit cost ?
76 − 10 = ?
76 − 10 = 66
The fruit costed 66 L.E.

Amir had 82 L.E. He spent some money. The remained was 40 L.E.
How much money did Amir spend ?
82 − 40 = ?
82 − 40 = 42
Amir spent 42 L.E.

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Mina has 42 L.E. He bought a ball for 22 L.E.
How much money is remained with Mina ?
42 − 22 = ?
42 − 22 = 20
The remained money with Mina = 20 L.E.

Bassem has 100 L.E. He gave his sister 75 L.E.
How much money is remained with Bassem ?
100 − 75 = ?
100 − 75 = 25
The remained money with Bassem = 25 L.E.

Sara had 95 L.E. She paid 25 L.E. as a ticket to enter the garden.
How much money is remained with Sara ?
95 − 25 = ?
95 − 25 = 70
The remained money with Sara = 70 L.E.

Karma had 66 L.E. She gave 30 pounds to her sister Farida.
How much money is remained with Karma ?
66 − 30 = ?
66 − 30 = 36
The remained money with Karma = 36 L.E.

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If you have [50 L.E.]
Write the remainder each time you buy the item.

Item	Subtraction	Item	Subtraction
35 L.E.	50 − 35 = 15	20 L.E.	50 − 20 = 30
40 L.E.	50 − 40 = 10	48 L.E.	50 − 48 = 2
50 L.E.	50 − 50 = 0	28 L.E.	50 − 28 = 22
25 L.E.	50 − 25 = 25	37 L.E.	50 − 37 = 13
17 L.E.	50 − 17 = 33	32 L.E.	50 − 32 = 18

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Find the reminder for each of the following.

- 35 L.E. – 12 L.E. = 23 L.E.
- 71 L.E. – 24 L.E. = 47 L.E.
- 88 L.E. – 36 L.E. = 52 L.E.
- 62 L.E. – 18 L.E. = 44 L.E.
- 43 L.E. – 20 L.E. = 23 L.E.
- 96 L.E. – 47 L.E. = 49 L.E.

Write (✓) to the correct statement and (X) to the incorrect statement.

- 27 L.E. = 10 L.E. + 10 L.E. + 5 L.E. + 1 L.E. (X)
- 51 L.E. = 20 L.E. + 20 L.E. + 10 L.E. + 1 L.E. (✓)
- 77 L.E. – 30 L.E. = 47 L.E. (✓)
- 64 L.E. – 12 L.E. = 50 L.E. (X)
- 80 L.E. – 25 L.E. = 45 L.E. (X)
- 48 L.E. – 29 L.E. = 19 L.E. (✓)

Place a smiley face

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Exercise 23 Make a 10 to add

On Lessons 107 to 110

Complete the following components of 10.

Coins	
10 coins	10 + 0 = 10
9 + 1 coins	9 + 1 = 10
8 + 2 coins	8 + 2 = 10
7 + 3 coins	7 + 3 = 10
6 + 4 coins	6 + 4 = 10
5 + 5 coins	5 + 5 = 10
4 + 6 coins	4 + 6 = 10

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Coins	
3 + 7 coins	3 + 7 = 10
2 + 8 coins	2 + 8 = 10
1 + 9 coins	1 + 9 = 10
0 + 10 coins	0 + 10 = 10

Choose the correct answer.

1 + 9 = 10 (9) or 10	7 + 3 = 10 (3) or 7
2 + 8 = 10 6 or (8)	5 + 5 = 10 (5) or 15
4 + 6 = 10 (4) or 6	10 + 0 = 10 1 or (10)
7 + 3 = 10 5 or (7)	1 + 9 = 10 0 or (1)
8 + 2 = 10 10 or (2)	6 + 4 = 10 (6) or 10

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Match to make 10.

10	5	7	2	9	6
4	0	5	1	8	3

Complete.

10: 1+9, 2+8, 3+7, 4+6, 5+5, 6+4, 7+3, 8+2, 9+1

Complete. The first one is done for you.

- 4 + 6 = 6 + 4 = 10
- 7 + 3 = 3 + 7 = 10
- 2 + 8 = 8 + 2 = 10
- 9 + 1 = 1 + 9 = 10
- 0 + 10 = 10 + 0 = 10

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Make a ten to add.

		Answer
9 + 7	→ 10 + 6	16
7 + 4	→ 10 + 1	11
6 + 6	→ 10 + 2	12
8 + 4	→ 10 + 2	12
5 + 9	→ 10 + 4	14

Rewrite the following equations by making 10. The first one is done for you.

- 7 + 5 = 10 + 2
- 9 + 2 = 10 + 1
- 4 + 8 = 10 + 2
- 2 + 8 = 10 + 0
- 8 + 6 = 10 + 4
- 5 + 9 = 10 + 4
- 6 + 7 = 10 + 3
- 8 + 9 = 10 + 7

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Draw and to show the number sentence. Add.

6 + 5 = 11 10 + 1 = 11	9 + 3 = 12 10 + 2 = 12	8 + 6 = 14 10 + 4 = 14
5 + 7 = 12 10 + 2 = 12	4 + 9 = 13 10 + 3 = 13	8 + 7 = 15 10 + 5 = 15
7 + 6 = 13 10 + 3 = 13	9 + 8 = 17 10 + 7 = 17	

Hint for parents :

Your child may make a ten to add problems as (8 + 5) by two ways :

8 + 5 → 8 + 5 → 10 + 3 = 13 Or 8 + 5 → 8 + 5 → 3 + 10 = 13

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Make a ten to add. The first one is done for you.

9 + 3 = 12 → 10 + 2 = 12	7 + 5 = 12 → 10 + 2 = 12	6 + 8 = 14 → 10 + 4 = 14
7 + 9 = 16 → 10 + 6 = 16	4 + 9 = 13 → 10 + 3 = 13	7 + 7 = 14 → 10 + 4 = 14
5 + 6 = 11 → 10 + 1 = 11	9 + 8 = 17 → 10 + 7 = 17	8 + 7 = 15 → 10 + 5 = 15
9 + 5 = 14 → 10 + 4 = 14	4 + 8 = 12 → 10 + 2 = 12	7 + 6 = 13 → 10 + 3 = 13
8 + 3 = 11 → 10 + 1 = 11	5 + 8 = 13 → 10 + 3 = 13	6 + 9 = 15 → 10 + 5 = 15

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Make a ten to add. The first one is done for you.

15 + 4 = 19 → 10 + 9 = 19	16 + 2 = 18 → 10 + 8 = 18	14 + 3 = 17 → 10 + 7 = 17
12 + 4 = 16 → 10 + 6 = 16	13 + 6 = 19 → 10 + 9 = 19	4 + 14 = 18 → 8 + 10 = 18

Make a ten to add. The first one is done for you.

16 + 2 = 18 (10, 8)	15 + 2 = 17 (10, 7)	14 + 3 = 17 (10, 7)	12 + 7 = 19 (10, 9)
11 + 6 = 17 (10, 7)	7 + 13 = 20 (10, 10)	5 + 13 = 18 (8, 10)	14 + 5 = 19 (10, 9)
12 + 4 = 16 (10, 6)	12 + 3 = 15 (10, 5)	3 + 13 = 16 (6, 10)	2 + 11 = 13 (3, 10)

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Complete. The first one is done for you.

$12 + 4 = 16$ (10, 6)	$4 + 9 = 13$ (10, 3)
$17 + 2 = 19$ (10, 9)	$7 + 5 = 12$ (10, 2)
$14 + 5 = 19$ (10, 9)	$6 + 5 = 11$ (10, 1)
$11 + 7 = 18$ (10, 8)	$8 + 7 = 15$ (10, 5)
$6 + 13 = 19$ (9, 10)	$9 + 3 = 12$ (10, 2)

Write (✓) to the correct statement and (X) to the incorrect statement.

- $13 + 2 = 10 + 5$ (✓)
- $15 + 4 = 10 + 8$ (X)
- $7 + 9 = 10 + 9$ (X)
- $8 + 6 = 10 + 4$ (✓)
- $12 + 7 = 10 + 8$ (X)
- $14 + 8 = 10 + 6$ (X)

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Match the equal sums.

- $5 + 6$ — $10 + 1$
- $8 + 9$ — $10 + 7$
- $7 + 8$ — $10 + 5$
- $9 + 7$ — $10 + 6$
- $5 + 7$ — $10 + 2$
- $4 + 9$ — $10 + 3$
- $9 + 9$ — $10 + 8$
- $5 + 9$ — $10 + 4$

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Put ">,< or =".

$7+4 < 6+6$	$9+5 > 4+6$
$8+8 = 9+7$	$8+6 < 7+8$
$7+6 > 4+8$	$5+6 < 3+9$
$4+9 = 5+8$	$9+7 = 6+10$
$8+7 > 10+4$	$9+5 = 7+7$
$6+8 > 7+5$	$8+10 > 9+8$

Choose the correct answer.

- $8 + 7 = 10 + 5$ — 6 or **7**
- $9 + 5 = 10 + 4$ — 5 or **9**
- $7 + 6 = 10 + 3$ — **3** or 4
- $8 + 4 = 10 + 2$ — 6 or **8**
- $9 + 2 = 10 + 1$ — **2** or 3
- $3 + 8 = 10 + 1$ — **1** or 2

Place a smiley face

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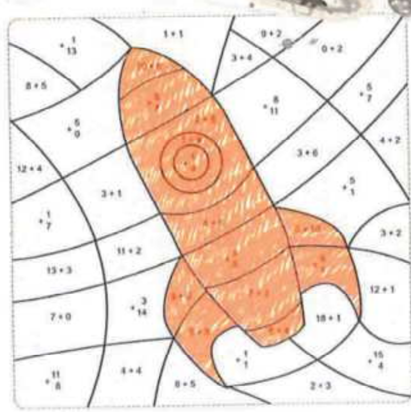
Art corner Chapter 5

Color the spaces with sum 10 in orange.



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Exercise 24
- 1 more & 1 less
- 10 more & 10 less

On Lessons 111 to 113

Use the hundred chart to choose.

- ...... is 1 more than 32: 31 or **(33)**
- ...... is 1 less than 40: **(39)** or 41
- ...... is 1 more than 79: 78 or **(80)**
- ...... is 1 less than 96: **(95)** or 97
- ...... is 10 more than 53: 43 or **(63)**
- ...... is 10 less than 38: **(28)** or 48
- ...... is 10 more than 21: 11 or **(31)**
- ...... is 10 less than 12: **(2)** or 22
- 24 is ...... than 23: **(1 more)** or 1 less
- 47 is ...... than 57: 10 more or **(10 less)**
- 90 is ...... than 89: **(1 more)** or 1 less
- 56 is ...... than 46: **(10 more)** or 10 less
- ...... is 1 more than 60: 59 or **(61)**
- ...... is 1 less than 33: **(32)** or 34
- ...... is 10 more than 25: 15 or **(35)**
- ...... is 10 less than 94: **(84)** or 93

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Write the suitable numbers.

- 42 → One more → **43**
- **33** ← One less ← 34
- 77 → One more → **78**
- **24** ← One less ← 25
- 19 → 1 more → **20**
- **50** ← 1 less ← 51
- 63 → 1 more → **64**
- **79** ← 1 less ← 80
- 20 → 1 more → **21**
- 17 ← 1 less ← **18**
- **34** → 1 more → 35
- 80 ← 1 less ← **81**
- **59** → 1 more → 60
- 26 ← 1 less ← **27**
- **70** → 1 more → 71

- 25 ↓ 10 more ↓ **35**
- **62** ↑ 10 less ↑ 72
- 18 ↓ 10 more ↓ **28**
- **44** ↑ 10 less ↑ 54
- **5** ↓ 10 more ↓ 15
- 81 ↓ 10 more ↓ **91**
- **4** ↑ 10 less ↑ 14
- 35 ↓ 10 more ↓ **45**
- **56** ↑ 10 less ↑ 66
- 49 ↑ 10 less ↑ **59**

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Write the numbers.

Number	10 less (−10)	1 less (−1)	1 more (+1)	10 more (+10)
35	**25**	**34**	**36**	**45**
57	**47**	**56**	**58**	**67**
63	**53**	**62**	**64**	**73**
86	**76**	**85**	**87**	**96**
16	**6**	**15**	**17**	**26**
77	**67**	**76**	**78**	**87**
21	**11**	**20**	**22**	**31**
90	**80**	**89**	**91**	**100**
33	**23**	**32**	**34**	**43**
15	**5**	**14**	**16**	**25**

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Match.

- ...... is 1 more 36 → 37
- ...... is 1 less 48 → 47
- ...... is 10 more 26 → 36
- ...... is 10 less 56 → 46
- ...... is 1 more 39 → 40

Write (✓) to the correct statement and (✗) to the incorrect statement.

- 31 is 1 more than 30 (✓)
- 49 is 10 more than 59 (✗)
- 62 is 1 more than 61 (✓)
- 18 is 10 more than 8 (✓)
- 70 is 1 more than 69 (✓)
- 95 is 10 more than 94 (✗)
- 27 is 1 less than 37 (✗)
- 53 is 10 less than 43 (✗)
- 89 is 1 less than 90 (✓)
- 46 is 10 less than 47 (✗)
- 5 is 10 less than 15 (✓)
- 64 is 1 less than 63 (✗)

Follow the arrows to complete.

42 → +10 more → **52** → −1 less → **51** → +1 more → **52** → +10 more → **62** → −10 less ↓

42 ← −1 less ← **43** ← +1 more ← **42** ← −10 less ← **52** ←

Place a smiley face

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Exercise 25

- Adding a one-digit number to a two-digit number
- Adding 2 two-digit numbers

On Lessons 114 & 115

Add each of the following.

tens	ones		tens	ones		tens	ones		tens	ones
7	2		4	3		6	1		1	2
+	5		+	6		+	7		+	6
7	7		4	9		6	8		1	8

tens	ones		tens	ones		tens	ones		tens	ones
5	3		3	2			4		9	4
+	4		+	7		+ 2	5		+	4
5	7		3	9		2	9		9	8

Choose the correct answer.

- 42 + 3 = ... 72 or **45**
- 51 + 6 = ... **57** or 75
- 15 + 2 = ... **17** or 35
- 44 + 4 = ... 84 or **48**
- 2 + 21 = ... 41 or **23**
- 82 + 4 = ... **86** or 88
- 73 + 5 = ... **78** or 87
- 5 + 32 = ... 82 or **37**

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Solve the addition problems.

22 + 5 = 27	41 + 2 = 43	12 + 7 = 19	35 + 4 = 39	3 + 60 = 63
4 + 44 = 48	25 + 3 = 28	64 + 4 = 68	16 + 3 = 19	73 + 2 = 75
50 + 8 = 58	94 + 5 = 99	33 + 3 = 36	3 + 15 = 18	42 + 7 = 49

Find the result. Join.

- 40 + 9 → 49
- 21 + 4 → 25
- 41 + 5 → 46
- 63 + 2 → 65
- 74 + 5 → 79
- 82 + 7 → 89

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Add. The first one is done for you.

46 + 31	25 + 42	34 + 54	62 + 15
46 + 31 = 77	25 + 42 = 67	34 + 54 = 88	62 + 15 = 77

15 + 83	22 + 66	72 + 23	81 + 16
15 + 83 = 98	22 + 66 = 88	72 + 23 = 95	81 + 16 = 97

Choose the correct answer.

- 25 + 30 = ... 53 or **55**
- 47 + 50 = ... **97** or 45
- 66 + 10 = ... **76** or 67
- 36 + 32 = ... **68** or 59
- 12 + 23 = ... **35** or 53
- 35 + 63 = ... **98** or 89
- 27 + 50 = ... 72 or **77**
- 71 + 12 = ... 82 or **83**
- 14 + 61 = ... **75** or 72
- 13 + 26 = ... **39** or 75
- 55 + 32 = ... **87** or 78
- 72 + 16 = ... 98 or **88**

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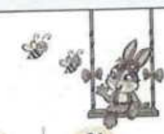

Add.

25 + 13 = 38	37 + 42 = 79	66 + 21 = 87	84 + 13 = 97
55 + 32 = 87	54 + 45 = 99	85 + 14 = 99	94 + 3 = 97
16 + 13 = 29	73 + 24 = 97	64 + 23 = 87	48 + 41 = 89
37 + 12 = 49	47 + 11 = 58	14 + 82 = 96	61 + 15 = 76
24 + 12 = 36	35 + 23 = 58	42 + 37 = 79	61 + 28 = 89

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Write (✓) to the correct statement and (✗) to the incorrect statement.

23 + 40 = 63	(✓)	61 + 25 = 76	(✗)
72 + 12 = 74	(✗)	3 + 41 = 71	(✗)
46 + 30 = 77	(✗)	11 + 14 = 23	(✗)
15 + 81 = 96	(✓)	32 + 5 = 37	(✓)
24 + 24 = 84	(✗)	31 + 27 = 58	(✓)

Find the answer, then write ">, < or =".

54 + 10 = 64	<	62 + 5 = 67	11 + 47 = 58	<	52 + 10 = 62
32 + 21 = 53	>	32 + 20 = 52	71 + 8 = 79	=	53 + 26 = 79
12 + 43 = 55	=	44 + 11 = 55	24 + 13 = 37	<	30 + 8 = 38
35 + 12 = 47	=	6 + 41 = 47	17 + 52 = 69	>	61 + 7 = 68
20 + 46 = 66	<	33 + 34 = 67	50 + 18 = 68	>	6 + 61 = 67

Place a smiley face

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Exercise 26

- Number sequences
- Decomposition of two digit numbers

On Lesson 116

Find the missing numbers in each of the following number sequences.

- 1, 2, 3, 4, 5, 6, 7, 8, 9, 10
- 10, 9, 8, 7, 6, 5, 4, 3, 2, 1
- 10, 20, 30, 40, 50, 60, 70, 80, 90, 100
- 20, 21, 22, 23, 24, 25, 26, 27, 28, 29
- 53, 52, 51, 50, 49, 48, 47, 46, 45, 44
- 73, 74, 75, 76, 77, 78, 79, 80, 81
- 100, 90, 80, 70, 60, 50, 40
- 5, 15, 25, 35, 45, 55, 65
- 95, 85, 75, 65, 55, 45, 35

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Decompose the following two-digit numbers into tens and ones. The first one is done for you.

Number	Tens	Ones
67	60	7
85	80	5
36	30	6
48	40	8
23	20	3
94	90	4
12	10	2
57	50	7

Choose the correct answer.

35 = ...	(30+5) or 50+3	17 = ...	70+1 or (10+7)
29 = ...	90+2 or (20+9)	58 = ...	(50+8) or 80+5
42 = ...	(2+40) or 4+20	73 = ...	(3+70) or 7+30
...... = 60+1	16 or (61)	...... = 80+4	48 or (84)
...... = 3+20	32 or (23)	...... = 2+50	25 or (52)

Write (✓) to the correct statement and (✗) to the incorrect statement.

63 = 6 tens, 3 ones	(✓)	54 = 4 tens, 5 ones	(✗)
21 = 2+10	(✗)	38 = 3+80	(✗)
74 = 7 tens,4 ones	(✓)	19 = 1+9	(✗)
82 = 2 tens, 8 ones	(✗)	46 = 6 ones, 4 tens	(✓)

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Use 6 , 7 , 2 and do the following steps.

Step 1 Make as many two-digit numbers as you can.

67 . 76 . 72 . 27 . 62 . 26

Step 2 From the numbers you made.

Which is the smallest number ? 26

Which is the greatest number ? 76

Step 3 Decompose each two-digit number into tens and ones.

Number	Tens	Ones
67	60	7
76	70	6
72	70	2
27	20	7
62	60	2
26	20	6

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Use the digits 4 , 5 , 8.

1 Make as many two-digit numbers as you can.

45 , 54 , 58 , 85 , 48 , 84

2 From the numbers you made.

- The smallest number is 45
- The greatest number is 85

3 Decompose each two-digit number into tens and ones.

Number	Tens	Ones
45	40	5
54	50	4
58	50	8
85	80	5
48	40	8
84	80	4

Place a smiley face

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Exercise 27

- Subtracting 2 two-digit numbers
- Fact family

On Lessons 117 to 120

Subtract. The first one is done for you.

63 − 21	85 − 54	74 − 33	48 − 37
63 − 21 = 42	85 − 54 = 31	74 − 33 = 41	48 − 37 = 11

29 − 18	59 − 46	36 − 15	94 − 32
29 − 18 = 11	59 − 46 = 13	36 − 15 = 21	94 − 32 = 62

Find the result. Match.

Expression	Matched result
46 − 20	26
87 − 50	37
95 − 30	65
58 − 40	18
74 − 10	64

Results: 18, 65, 64, 37, 26

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Subtract.

Subtraction	Answer
87 − 44	43
94 − 51	43
66 − 33	33
42 − 21	21
24 − 14	10
63 − 11	52
56 − 15	41
36 − 15	21
38 − 23	15
79 − 58	21

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Find the result, then write ">, < or =".

12 + 34 = 46	>	68 − 23 = 45	94 − 34 = 60	=	30 + 30 = 60
77 − 12 = 65	>	35 + 20 = 55	23 + 54 = 77	<	99 − 10 = 89
31 + 50 = 81	>	80 − 10 = 70	89 − 32 = 57	>	14 + 33 = 47
80 − 60 = 20	>	16 + 3 = 19	64 − 20 = 44	=	40 + 4 = 44
40 + 10 = 50	=	76 − 26 = 50	10 + 24 = 34	=	57 − 23 = 34
88 − 13 = 75	<	45 + 32 = 77	26 + 70 = 96	>	99 − 9 = 90

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Find the missing numbers.

13−8=5 13−5=8
5+8=13 8+5=13

16−7=9 16−9=7
9+7=16 7+9=16

7−4=3 7−3=4
3+4=7 4+3=7

14−7=7 14−7=7
7+7=14 7+7=14

19−6=13 19−13=6
13+6=19 6+13=19

9−5=4 9−4=5
4+5=9 5+4=9

15−7=8 15−8=7
8+7=15 7+8=15

12−3=9 12−9=3
9+3=12 3+9=12

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Find the missing number in each box.

7 + 10 = 17
17 − 7 = 10
17 − 10 = 7
10 + 7 = 17

11 − 5 = 6
6 + 5 = 11
5 + 6 = 11
11 − 6 = 5

9 + 5 = 14
14 − 9 = 5
14 − 5 = 9
5 + 9 = 14

13 − 6 = 7
13 − 7 = 6
7 + 6 = 13
6 + 7 = 13

4 + 8 = 12
8 + 4 = 12
12 − 8 = 4
12 − 4 = 8

15 − 10 = 5
15 − 5 = 10
5 + 10 = 15
10 + 5 = 15

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In each group. Cross out the fact does not belong to the fact family.

2 + 6 = 8	7 + 5 = 12	6 + 9 = 15
~~8 + 5 = 3~~	12 − 5 = 7	9 + 6 = 15
6 + 2 = 8	~~12 + 5 = 17~~	15 − 9 = 6
8 − 2 = 6	5 + 7 = 12	~~15 + 4 = 19~~

Write the fact family for each.

2 4 6	5 3 8	4 6 10
2 + 4 = 6	5 + 3 = 8	4 + 6 = 10
4 + 2 = 6	3 + 5 = 8	6 + 4 = 10
6 − 2 = 4	8 − 3 = 5	10 − 4 = 6
6 − 4 = 2	8 − 5 = 3	10 − 6 = 4

3 9 12	8 7 15	7 9 16
3 + 9 = 12	8 + 7 = 15	7 + 9 = 16
9 + 3 = 12	7 + 8 = 15	9 + 7 = 16
12 − 3 = 9	15 − 7 = 8	16 − 7 = 9
12 − 9 = 3	15 − 8 = 7	16 − 9 = 7

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Hidden Treasure

A treasure is hidden under one of these numbers, follow the directions to find the treasure. Draw your path :

- ✓ Start at 92
- ✓ Subtract 30
- Add 2
- Subtract 20
- Add 4
- Add 10
- Add 2
- Subtract 40
- Subtract 5

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

The treasure is under the number 15

Place a smiley face

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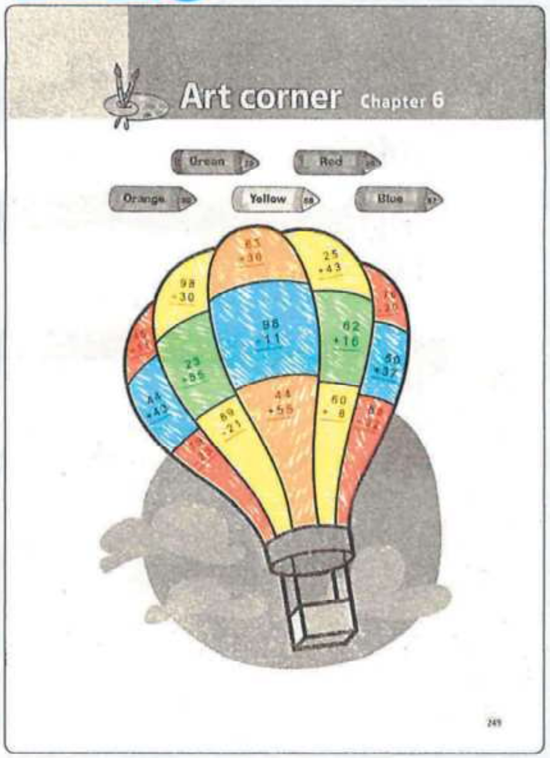

Art corner Chapter 6
Green
Red
Orange
Yellow
Blue

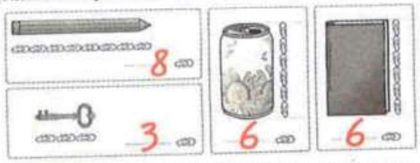
Blue
Green
Orange
Red

ANSWERS of
Step by Step Revision

Page 4

Sheet 1 On lessons 61 to 65 (A) - chapter 1

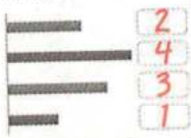
1 Measure the length of each object using ▭ as a unit.



2 Draw a pencil that is longer than the drawn pencil.

3 Circle the shortest animal.

4 Arrange from the shortest to the longest.



5 Tick (✓) the two objects that have the same length.

4

Page 5

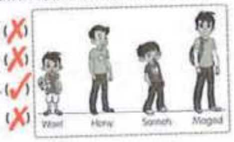
Sheet 2 Till lessons 61 to 65 (B) - chapter 1

1 Complete with a number.

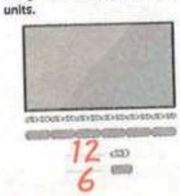
- There are 3 birds out the cage and 2 birds in the cage.

2 Write (✓) to the correct statement and (X) to the incorrect statment.

- Hany is on the left of Sameh. (X)
- The tallest one is Wael. (X)
- Sameh is on the right of Maged. (✓)
- Hany is shorter than Sameh. (X)



3 Measure the length of object using ▬ and ▭ as measuring units.



4 Choose the correct answer.

- The cat is going down (up or down)

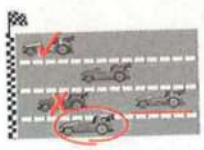
5

Page 6

Sheet 3 Till lessons 66 & 67 - chapter 1

1 In a car race.

- Tick (x) the 2nd car.
- Underline the 5th car.
- Circle the third car.
- Tick (✓) the first car.



2 Match.

tenth	third	sixth	ninth	second
9th	6th	2nd	10th	3rd

3 Complete.

- The first one is Mina
- Amgad is behind Amal
- The fifth one in the line is Sally
- Bassem is in front of Amal.

6

Page 7

Sheet 4 Till lesson 68 - chapter 1

1 Complete.

- 68 is one less than 69
- 40 is one more than 39
- 71 is one more than 70
- 43 is one more than 42 but it is one less than 44

2 Choose.

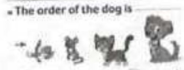
- The length of the book is ......

● 3 ○ 4 ○ 2 ○ 5

- The cat is ...... the chair.

● above ○ below ○ behind ○ in front of

- The order of the dog is ......

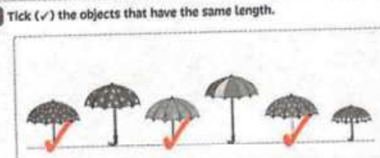


○ first ○ second ○ third ● fourth

- The number that is 1 more than 53 is ......

● 54 ○ 52 ○ 55 ○ 51

3 Tick (✓) the objects that have the same length.



7

Page 8

Sheet 5 Till lessons 69 & 70 - chapter 1

1 Choose.

- The amount is 22 L.E.
  - ○ 12 ○ 20 ● 22 ○ 11
- The amount is 43 L.E.
  - ○ 40 ○ 34 ● 43 ○ 41
- The bird is in the cage.
  - ○ above ○ below ● in ○ out
- 77 is one less than 78
  - ● 77 ○ 79 ○ 76 ○ 80

2 Join each item to its price.

3 Write (✓) to the correct statement and (X) to the incorrect statment.

- have the same length. (✓)
- can buy (X)
- 46 is one more than 45 (✓)

8

Page 9

Assessment Chapter 1

1 Choose the correct answer.

- 20 is one more than 19
  - ○ 18 ● 20
- 71 is one less than 72
  - ● 71 ○ 73
- The order of the circled item is third
  - ● third ○ fourth
- The ball is below the table.
  - ○ above ● below

2 Arrange from the shortest to the longest.

5 4 2 1 3

3 Measure the length of object using , as measuring units.

3 — 10

4 Write 1st , 2nd or 3rd to show what happened.

1st 2nd 3rd

9

Page 10

5 Write (✓) to the correct statement and (X) to the incorrect statement.

- Ali is in the first place. (X)
- Rana is behind Hany. (✓)
- Magy is in front of Ali. (X)
- There are 4 children behind Hany. (✓)
- Zeon is in the fifth place. (✓)

Hany Rana Ali Magy Zeon

6 Draw notes to show the cost.

10 10 10 1 1

7 Count the amount of money, write the total.

46 LE

8 Use the picture and complete.

- Wael is on the left of Youssef.
- Ramy is on the right of Youssef.
- Youssef is on the left of Ramy
- The tallest child is Youssef
- The shortest child is Wael

Ramy Youssef Wael

10

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Sheet 6 Till lessons 71 to 75 - chapter 2

1 Complete.

Tens	Ones
4	8

  represents the number 48
- The place value of the digit 3 in the number 39 is tens
- In the number 67, the value of the digit 6 is 60 and the value of the digit 7 is 7
- 87 is one less than 88

2 Choose.

- ○ 23 ● 32 ○ 50 ○ 20
- ● > ○ < ○ =
- You have Can you buy this toy?
  - ○ Yes ● No
- Who is the 2nd one?
  - ○ Hesham ○ Hany ○ Ayman ● Bassem

3 How many tens and ones ?

- 2 tens, 4 ones
- 6 tens, 0 ones

11

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Sheet 7 Till lessons 76 & 77 - chapter 2

1 Put ">, < or =".

- 48 < 62
- 80 < 87
- 37 < 71
- 82 > 5 tens + 4 ones
- 7 tens > 6 tens + 9 ones
- 90 + 5 = 5 ones + 9 tens

2 Complete.

- The place value of the digit 2 in the number 62 is ones
- The greater number of 83 and 90 is 90
- 39 is one less than 40
- 4 tens + 6 ones = 46
- 30 + 7 = 37

3 Choose.

- 39 > 29 — ● 29 ○ 70 ○ 42 ○ 61
- 79 < 88 — ○ 98 ○ 89 ● 79 ○ 90
- 70 is greater than 62 — ○ 26 ● 70 ○ 45 ○ 58
- Length of ▭ is 5 — ○ 4 ○ 2 ○ 3 ● 5

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Sheet 8 Till lessons 78 & 79 - chapter 2

1 Arrange the following numbers from the least to the greatest.

48 , 97 , 71 , 19

19 , 48 , 71 , 97

2 Arrange the following numbers from the greatest to the least.

54 , 36 , 64 , 50

64 , 54 , 50 , 36

3 Complete.

- The greatest number of 84 , 67 and 90 is 90
- The value of the digit 5 in the number 75 is 5
- 59 is one less than 60
- = 34 L.E.

4 Write the numbers in its correct place.

- 48 , 3 tens + 6 ones , 63 , 50 + 2
  63 > 50+2 > 48 > 3 tens 6 ones +
- 90 , 20 + 8 , 9 tens + 4 ones , 44
  20+8 < 44 < 90 < 9 tens 4 ones +

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Sheet 9 Till lesson 80 - chapter 2

1 Subtract.

70 − 40	80 − 20	60 − 50	90 − 30
30	60	10	60

2 Choose.

- 9 tens + 6 ones = — ● 96 ○ 69 ○ 90 ○ 60
- 70 − 10 — ○ 80 ● 60 ○ 8 ○ 6
- 50 − 40 = — ○ 90 ● 10 ○ 9 ○ 1
- 66 ▭ 50 + 20 — ○ > ● < ○ =

3 Match.

- 40 − 20 → 20
- 87 < ..... → 93
- 80 − 80 = → 0
- ..... is one less than 60 → 59

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Assessment Chapter 2

1 Complete the following.

	tens	ones		tens	ones		tens	ones		tens	ones
26	2	6	81	8	1	4	0	4	35	3	5

- The value of the digit 7 in the number 73 is 70
- The place value of the digit 8 in the number 18 is ones
- The value of the digit 2 in the number 52 is 2
- The place value of the digit 6 in the number 69 is tens

2 Subtract.

60 − 10	70 − 30	80 − 40	90 − 70	50 − 50	20 − 10
50	40	40	20	0	10

3 Put ">, < or =".

- 91 > 19
- 46 < 52
- 8 ones < 3 tens
- 3 tens, 5 ones = 5 + 30
- 90 − 10 > 70 + 9

4 Match.

- 40 + 7 → 47
- 9 + 70 → 79
- 7 + 90 → 97
- 9 + 40 → 49
- 90 + 4 → 94

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5 Arrange the following numbers from least to greatest.

38 , 17 , 62 , 53

The order is : 17 . 38 . 53 . 62

24 , 51 , 15 , 27 , 54

The order is : 15 . 24 . 27 . 51 . 54

6 Arrange the following number from greatest to least.

69 , 55 , 50 , 68

The order is : 69 . 68 . 55 . 50

40 , 47 , 73 , 43 , 74

The order is : 74 . 73 . 47 . 43 . 40

7 How many tens and ones ?

4 tens , 3 ones	2 tens , 6 ones	5 tens , 0 ones	3 tens , 5 ones
40 + 3	20 + 6	50 + 0	30 + 5

8 Choose the correct value for the red digit.

- 27 : 2 , (20)
- 51 : (1) , 10
- 69 : (9) , 90
- 34 : 3 , (30)

9 Choose the correct place value for the red digit.

- 53 : (tens) , ones
- 63 : tens , (ones)
- 70 : tens , (ones)
- 49 : (tens) , ones

10 Write (✓) to the correct statement and (X) to the incorrect statement.

- 14 > 41 (X)
- 68 < 86 (✓)
- 32 > 28 (✓)
- 75 < 69 (X)

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Accumulative Assessment
Till Chapter 2

1 Choose the correct answer.

- 64 > 38 : ○ 99 ● 38 ○ 81 ○ 72
- The length of the ruler is 5 : ○ 2 ○ 4 ● 5 ○ 7
- 80 – 30 = 50 : ○ 80 ○ 30 ● 50 ○ 60
- 4 tens and 6 ones = 6 + 40 : ○ 4 + 6 ○ 4 + 60 ○ 6 + 4 ● 6 + 40

2 Put ">, < or =".

- 27 < 33
- 5 tens , 4 ones > 19
- 4 tens = 70 – 30
- The value of 3 in 34 > 40 – 20
- 60 + 2 > 2 tens , 6 ones
- 85 > 59

3 Write (✓) to the correct statement and (X) to the incorrect statement.

- 32 is 1 more than 31 (✓)
- equals 23 L.E. (X)
- The circled is the fifth. (X)
- 10 + 3 = 13 (✓)
- The place value of the digit 9 in 93 is tens. (✓)

17

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4 Use the picture and complete.

- The second child is Nora
- Fady is in front of Dina
- Sama is behind Dina
- The first child is Ramy
- The third child is Fady.
- Dina and Sama are behind Fady.

5 Subtract.

30	70	60	90	80	50
– 10	– 20	– 60	– 80	– 40	– 30
20	50	0	10	40	20

6 Count the money and mark if you can buy the watch or not.

■ Yes □ No

7 Arrange the following numbers from the least to the greatest.

86 , 18 , 16 , 68

The order is : 16 . 18 . 68 . 86

8 Choose the correct position of the cat.

- (above the chair) / below the chair
- (in the box) / out the box
- (in front of the tree) / behind the tree
- (on the right hand) / on the left hand

18

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Sheet 10
Till lessons 81 to 83 - chapter 3

1 Subtract.

70	40	60
– 50	– 10	– 20
20	30	40

- 8 tens – 3 tens = 5 tens.
- 6 tens – 4 tens = 2 tens.

2 Join.

- 90 – 80 → 10
- 30 + 40 → 70
- 98 < → 99
- 20 + 10 → 60 – 30

3 Choose.

- 3 tens – 1 ten = 2 tens : ○ 4 tens ● 2 tens ○ 30 ○ 10
- 61 > 58 : ○ 56 ○ 49 ○ 48 ● 61
- 6 tens + 9 ones = 69 : ○ 96 ● 69 ○ 15 ○ 90
- 40 – 30 = 10 : ● 10 ○ 20 ○ 30 ○ 40

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Sheet 11 Till lessons 84 & 85 - chapter 3

1 Complete.

- 12 + 8 = 20
- 30 + 50 = 80
- 9 + 10 = 19
- 6 tens – 2 tens = 4 tens

2 Solve the following problems.

- Hany has 7 marbles and he found 12 more marbles. How many marbles does he have in all? (Use any strategy)
  7 + 12 = ? ⟶ 7 + 12 = 19
  Hany has 19 marbles.
- Bassem has 9 pens, he bought more pens so, he has now 16 pens. How many pens did Bassem buy? (Use any strategy)
  9 + ? = 16 ⟶ 16 – 9 = 7
  Bassem bought 7 extra pens
- 5 birds were standing on a tree, 13 birds joined them. How many birds are on the tree now? (Use any strategy)
  5 + 13 = ? ⟶ 5 + 13 = 18
  18 birds are on the tree now.

3 Choose.

- ___ + 12 = 19: ● 7 ○ 17 ○ 19 ○ 21
- 70 – 50 = ___: ○ 30 ○ 40 ● 20 ○ 90
- 4 + ___ = 15: ● 11 ○ 5 ○ 7 ○ 27
- 30 + 20 = ___: ● 50 ○ 5 ○ 80 ○ 60

20

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Sheet 12 Till lesson 86 - chapter 3

1 Complete.

- 18 – 7 = 11
- 6 + 6 = 12
- 19 – 14 = 5
- 17 – 10 = 7

2 Solve the following.

- Dina has 16 dolls. She gave some dolls to her sister. 9 dolls remained with Dina. How many dolls did Dina give to her sister?
  16 – ? = 9 ⟶ 16 – 9 = 7
  Dina gave 7 dolls to her sister
- There are 15 birds on the tree. Some of them flew away. 8 birds are still on the tree. How many birds did fly away?
  15 – ? = 8
  15 – [7] = 8
  1234567
  7 birds flew away

3 Arrange the following numbers from the least to the greatest.

65 , 19 , 72 , 36

19 , 36 , 65 , 72

4 Choose.

- ___ + 9 = 17: ● 8 ○ 17 ○ 26 ○ 9
- 13 – ___ = 5: ○ 10 ○ 9 ● 8 ○ 7
- ___ > 47: ● 80 ○ 46 ○ 39 ○ 40
- 7 tens – 2 tens = ___: ○ 9 tens ● 5 tens ○ 4 tens ○ 6 tens

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Sheet 13 Till lessons 87 to 90 (A) - chapter 3

1 Count forward by tens.

- 7 , 17 , 27 , 37 , 47 , 57
- 39 , 49 , 59 , 69 , 79 , 89
- 22 , 32 , 42 , 52 , 62 , 72
- 41 , 51 , 61 , 71 , 81 , 91

2 Choose.

- 12 – ___ = 7: ● 5 ○ 6 ○ 7 ○ 8
- 38 < ___: ● 45 ○ 29 ○ 19 ○ 30
- 13 + ___ = 15: ○ 1 ● 2 ○ 4 ○ 10
- 80 – 10 = ___: ○ 90 ○ 60 ○ 80 ● 70
- The next number in : 43 , 42 , 41 , 40 , ... is: ○ 41 ○ 31 ○ 30 ● 39

3 Count backward.

- 59 , 58 , 57 , 56 , 55 , 54
- 86 , 85 , 84 , 83 , 82 , 81
- 70 , 60 , 50 , 40 , 30 , 20
- 60 , 50 , 40 , 30 , 20 , 10

4 Match.

1st	9th	3rd	5th	2nd
Ninth	Fifth	First	Second	Third

1st – First; 9th – Ninth; 3rd – Third; 5th – Fifth; 2nd – Second

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Sheet 14 Till lessons 87 to 90 (B) - chapter 3

1 Complete.

- 63 L.E. – 20 L.E. = 43 L.E.
- 40 L.E. – 30 L.E. = 10 L.E.
- 17 – 13 = 4
- = 69 L.E.

2 Arrange the following numbers from the greatest to the least.

74 , 20 , 83 , 42 , 84

84 , 83 , 74 , 47 , 20

3 Join.

___ + 12 = 17

86 L.E. – 40 L.E.

5 | 46 L.E. | 100 L.E. | 86 L.E.

23

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Assessment Chapter 3

1 Write the amount of money.

= 76 L.E. = 77 L.E.

= 19 L.E. = 92 L.E.

2 Choose.

- You have

Which item can you buy?

- 70 – 30 = ——
  - ○ 50 ○ 5 tens
  - ○ 60 ● 4 tens
- 15 – —— = 8
  - ○ 23 ○ 25
  - ● 7 ○ 17
- The next number in : 85 , 75 , 65 , 55 , ... is ——
  - ○ 65 ○ 56 ● 45 ○ 54

3 Count forward.

- 28 , 38 , 48 , 58 , 68 , 78
- 1 , 11 , 21 , 31 , 41 , 51
- 34 , 44 , 54 , 64 , 74 , 84
- 12 , 22 , 32 , 42 , 52 , 62

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4 Solve the following problems.

- There are 17 boys playing in the park. Then, 11 boys left. How many boys were still in the park ?

  7 – ? = 11 → 17 – 6 = 11

  6 boys still in the park.

- Amira has 8 pens. She bought some extra pens. The number of pens with Amira become 16. How many pens did Amira buy ?

  8 + ? = 16 → 8 + 8 = 16

  Amira bought 8 extra pens.

5 Count backward.

- 80 , 70 , 60 , 50 , 40 , 30
- 47 , 46 , 45 , 44 , 43 , 42
- 52 , 42 , 32 , 22 , 12 , 2
- 23 , 22 , 21 , 20 , 19 , 18

6 Circle to show amount of money.

- 40 L.E.: (20 L.E.) (10 L.E.) (5 L.E.) (5 L.E.) 5 L.E.
- 85 L.E.: (50 L.E.) (20 L.E.) (10 L.E.) 10 L.E. (5 L.E.)
- 100 L.E.: (50 L.E.) (20 L.E.) (20 L.E.) (10 L.E.) 5 L.E.

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Accumulative Assessment

Till Chapter 3

1 Complete.

- First , Second , Third, Fourth, Fifth, Sixth, Seventh
- 10 is 1 less than 11
- The value of the digit 3 in 38 is 30
- 8 tens – 2 tens = 6 tens

2 Choose.

70 – 60	20 + 30	71 < ……	90 – 30
50 + 10	80	90 – 80	4 tens + 1 ten

(Matched: 70 – 60 → 90 – 80; 20 + 30 → 4 tens + 1 ten; 71 < …… → 80; 90 – 30 → 50 + 10)

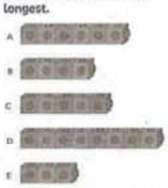
3 Write the amount of money.

47 L.E.

97 L.E.

91 L.E.

4 Arrange the following lengths from the shortest to the longest.



E , B , C , A , D

26

Page 27

5 Solve the following problems.

- Sama has 3 roses and she bought 14 more roses. How many roses does she have in all ?

  3 + 14 = ? → 3 + 14 = 17

  Sama has 17 roses

- There are 16 birds on a tree. Some of them flew away and 7 birds are still on the tree. How many birds did fly away ?

  7 + ? = 16 → 7 + 9 = 16

  9 birds flew away

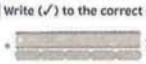
6 Put ">" , "<" or "=".

- 49 < 9 tens , 4 ones
- 30 + 60 > 90 – 10
- 12 – 6 < 19 – 3
-

7 Subtract the amouts.

- 64 L.E. – 20 L.E. = 44 L.E.
- 39 L.E. – 10 L.E. = 29 L.E.
- 70 L.E. – 1 L.E. = 69 L.E.
- 84 L.E. – 10 L.E. = 74 L.E.

8 Write (✓) to the correct statement and (✗) to the incorrect statement.

-  The length of ruler is 5 (✓)
- The next number in : 31 , 32 , 33 , 34 is 44 (✗)
- 81 is greater than 91 (✗)
- are 97 L.E. (✓)

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Sheet 15 Till lessons 91 to 95 (A) - chapter 4

1 Choose the correct answer.

- 86 – 50 = ... ○ 66 ● 36
- ...... is 1 less than 40 ○ 41 ● 39
- The value of 2 in 29 is ...... ○ 2 ● 20
- 18 + 40 = ... ● 58 ○ 38

2 Arrange the following numbers from greatest to least.

12 , 83 , 53 , 19 , 58

The order is 83.58.53.19.12

3 You have ......

Can you buy this toy?

● Yes ○ No

4 Solve the following problem.

Amal has 14 pounds. She gave some pounds to her brother. 8 pounds remained with Amal. How much money did Amal give to her brother ?

8+? =14 → 8+6=14

Amal gave 6 pounds to her brother

5 Write (✓) to the correct statement and (X) to the incorrect statement.

- 13 – 6 = 8 (X)
- 25 + 30 = 55 (✓)
- 64 – 20 = 84 (X)
- 51 > 15 (✓)

6 Complete the following.

- 82 , 72 , 62 , 52 , 42 , 32 , 22
- 48 , 49 , 50 , 51 , 52 , 53 , 54 , 55
- 90 , 80 , 70 , 60 , 50 , 40 , 30
- 64 , 63 , 62 , 61 , 60 , 59 , 58 , 57

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Sheet 16 Till lessons 91 to 95 (B) - chapter 4

1 Subtract.

56 – 30 = 26

40 L.E. – 30 L.E. = 10 L.E.

$63 - 10 = 53$

$99 - 90 = 9$

$72 - 40 = 32$

2 Complete.

- The triangle has 3 sides.
- The square has 4 corners.
- The rectangle has 4 corners.
- The circle has 0 corners.
- The rectangle has 4 sides.
- The circle has 0 sides.

3 Match.

Circle Rectangle Square Triangle

4 Put ">, < or =".

- 23 < 30 + 2
- 52 – 20 < 7 tens, 2 ones
- 65 > 85 – 70
- 12 – 4 = 8 ones

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Sheet 17 Till lessons 91 to 95 (C) - chapter 4

1 Choose.

- 50 + 28 = ... ○ 68 ● 78 ○ 38 ○ 80
- 36 + 40 = ... ● 76 ○ 66 ○ 86 ○ 96
- The name of the solid △ is ...... ● cone ○ cube ○ pyramid ○ cylinder
- The cube has ...... edges. ○ 8 ○ 6 ● 12 ○ 4

2 Complete.

- The cuboid has 6 flat faces.
- The square-based pyramid has 8 edges.
- The rectangle has 4 sides.
- The sphere has 0 corners.

3 Match.

- The base of the cylinder is a ......
- The solid (cube) is a ......
- The net (pyramid net) represents a ......
- The solid which has 1 pointy top is the ......

cube / square-based pyramid / cone / circle

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Page 31

Sheet 18 Till lessons 96 & 97 - chapter 4

1 What fraction does the shaded part show ?

Quarter

Two quarters (Half)

Three quarters

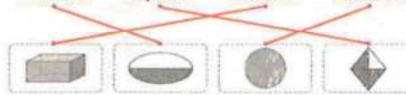
Half

2 Complete.

- 32 + 60 = 92
- The name of the solid (cylinder) is cylinder
- The number of quarters in a whole one is 4

3 Join.

Half 3 quarters Cuboid One whole



4 Find the results.

$17 + 10 = 27$

$52 - 30 = 22$

$9 + 40 = 49$

$63 - 20 = 43$

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Sheet 19

Till lessons 98 to 100 - chapter 4

1 Complete.

- 3 + 4 = 7
- 2 + 6 = 8
- 5 + 3 = 8
- 6 + 4 = 10
- 6 + 3 = 9
- 8 + 2 = 10

2 Count in order by tens.

- 10, 20, 30, 40, 50, 60
- 30, 40, 50, 60, 70
- 50, 60, 70, 80, 90
- 60, 70, 80, 90

3 Choose.

- The shaded part in (circle) represents ……… : ○ half ● quarter ○ one whole ○ 3 quarters
- The next number in 40, 50, 60, … is ……… : ○ 80 ● 70 ○ 90 ○ 100
- 48 + 50 = ……… : ○ 90 ○ 80 ● 98 ○ 100
- 73 − 40 = ……… : ● 33 ○ 32 ○ 31 ○ 30
- 83 − 80 = ……… : ● 3 ○ 13 ○ 23 ○ 33
- The name of the solid (cube) is ……… : ● cube ○ square ○ cylinder ○ cuboid

4 Tick (✓) the notes to show the amount 86 pounds.

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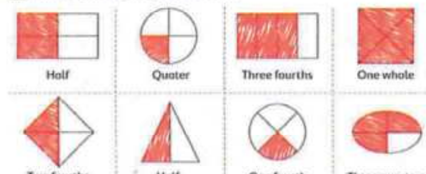
Assessment Chapter 4

1 Find the result for each of the following.

- 74 − 20: 74 − 20 = 54
- 53 + 10: 53 + 10 = 63
- 29 − 20: 29 − 20 = 9
- 41 + 50: 41 + 50 = 91
- 69 − 30 = 39
- 35 + 40 = 75

2 Color according the given fraction.



Half	Quater	Three fourths	One whole
Two fourths	Half	One fourth	Three quarters

3 Complete the following.

- The solid which has 2 circular bases is cylinder
- Triangle has 3 corners and 3 sides.
- The base of the squared-based pyramid is in the shape of a square
- The number of faces of the cuboid is 6
- Each face of the faces of the cube is a square
- The number of corners of a sphere is 0

Step by Step Revision 33

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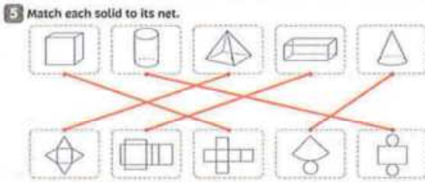
4 Write (✓) to the correct statement and (✗) to the incorrect statement.

- 6 and 2 make 9 (✗)
- 83 − 80 = 3 (✓)
- (cone) The solid has 1 circular base. (✓)
- (circle) The shaded part represents two fourths. (✓)
- The rectangle has 4 sides. (✓)
- There are 4 quarters in one half. (✗)

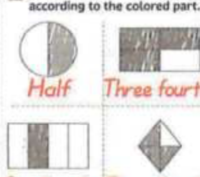
5 Match each solid to its net.



6 Decomopse the following numbers.

- 5 = 1 + 4 — 5: 1, 4
- 3 = 1 + 2 — 3: 1, 2
- 7 = 2 + 5 — 7: 2, 5
- 9 = 4 + 5 — 9: 4, 5

7 Write the represented fraction according to the colored part.



Half — Three fourths — One fourth — Three fourths

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Accumulative Assessment

Till Chapter 4

1 Choose the correct answer.

- 50 is one more than ……… : ○ 51 ● 49
- 84 = ……… : ○ 8 + 40 ● 4 + 80
- The next number in: 83, 82, 81, … is ……… : ● 80 ○ 71
- The represented fraction in (circle) is ……… : ● half ○ quarter
- The number of ……… in the cube is 12 : ○ corners ● edges
- 2 and 6 make ……… : ○ 26 ● 8

2 Show the following amount.

78 L.E.

3 Complete in order.

- 51, 61, 71, 81, 91
- 74, 64, 54, 44, 34
- 98, 97, 96, 95, 94

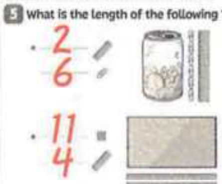
4 Solve the following problem.

Youssef had 16 books is in his library. He donated some books. 7 books remained with Youssef. How many books did Youssef donate?

7 + ? = 16 → 7 + 9 = 16

He donated 9 books

5 What is the length of the following?



- 2, 6
- 11, 4

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6 Match.

Cuboid — Cube — Sphere — Cylinder — Square-based pyramid

7 Write the represented fraction according to the colored part.

one whole | quarter | half | 3 quarters

8 Find the result.

72 − 30	55 + 10	84 − 40	36 − 30	9 + 40
42	65	44	6	49

18 + 70 = 88   61 − 20 = 41

9 Write (✓) to the correct statement and (✗) to the incorrect statement.

- The first child is Hany. (✓)
- Zean is the third child. (✗)
- Sara is in front of Fady. (✓)
- Dino is the fifth child. (✓)
- There are 3 children in front of Sara. (✗)
- Zean is behind Fady. (✓)

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Sheet 20 Till lessons 101 & 102 - chapter 5

1 Tell the time.

It is 7 o'clock.   It is 11 o'clock.
It is 3 o'clock.   It is 6 o'clock.

2 Draw the hands to show the time.

08:00   09:00
01:00   04:00

3 Complete.

- The day is 24 hours.
- 6 + 3 = 9
- The time on the digital clock is 10:00
- 47 + 30 = 77
- The value of the digit 6 in 63 is 60

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Sheet 21 Till lessons 103 & 104 - chapter 5

1 Complete.

6 →(+4) 10 →(+7) 17 →(−5) 12 →(+2) 14
18 →(−10) 8 →(+4) 12 →(−3) 9 →(+8) 17
3 →(+6) 9 →(−2) 7 →(−5) 2 →(+2) 4
19 →(−2) 17 →(−7) 10 →(+4) 14 →(−1) 13

2 Match.

Quarter — 12 o'clock — 8 o'clock — Cube

3 Choose.

- The amount is ____ L.E.: 73, **93** (chosen), 90, 53
- 12 →(−6) 6 →(+5) ____: **11** (chosen), 5, 10, 6
- 72 − 60 = ____: 70, 32, 22, **12** (chosen)
- There are ____ halves in a whole one.: 1, 3, **2** (chosen), 4

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Sheet 22 Till lessons 105 & 106 - chapter 5

1 Draw notes to show the amounts. "Answers may vary"

- 63 L.E.: 50, 10, 1, 1, 1
- 48 L.E.: 20, 20, 5, 1, 1, 1
- 73 pounds: 50, 10, 10, 1, 1, 1
- 80 pounds: 20, 20, 20, 10, 5, 5

2 Solve the following.

- Shady has 55 L.E. He bought a ball for 34 L.E. How much money is left with Shady? 55-34=? → 55-34=21
  The left money with Shady is 21 L.E.
- Jina bought a dress for 82 pounds, if she had 98 pounds. What is the remainder with Jina? 98-82=? → 98-82=16
  The remained money with Jina is 16 pounds.

3 Choose.

- 10 L.E. + 10 L.E. + 1 L.E. = ____ L.E.: 30, **21** (chosen), 20, 11
- 50 L.E. + 5 L.E. + 1 L.E. = ____ L.E.: **56** (chosen), 51, 55, 57
- The time is ____ o'clock.: **5** (chosen), 4, 6, 7
- 20 L.E. + 20 L.E. + 20 L.E. + 5 L.E. = ____ L.E.: 60, 75, **65** (chosen), 85

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Sheet 23 Till lessons 107 to 110 - chapter 5

1 Make a ten to add.

- 7 + 6 = 10 + 3 = 13
- 8 + 9 = 10 + 7 = 17
- 16 + 2 = 10 + 8 = 18
- 12 + 7 = 10 + 9 = 19
- 15 + 4 = 10 + 9 = 19
- 5 + 9 = 10 + 4 = 14

2 Complete.

- 63 L.E. − 41 L.E. = 22 L.E.
- 5 + 11 = 6 + 10 = 16
- 7 —(+6)→ 13 —(−4)→ 9 —(+3)→ 12 —(−5)→ 7
- 4 + 13 = 10 + 7 = 17
- 20 L.E. + 20 L.E. + 5 L.E. = 45 L.E.

3 Put ">, < or =".

- 7 + 7 (=) 11 + 3
- 74 L.E. − 44 L.E. (<) 22 L.E. + 10 L.E.
- 10 L.E + 10 L.E. + 20 L.E. (<) 50 L.E.
- 15 + 2 (>) 8 + 7
- 13 + 6 (=) 10 + 9

40

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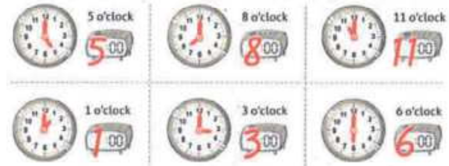
Assessment Chapter 5

1 Draw the hour hands on each clock face and write the time on the digital clock.



2 Complete.

- 7 —(−3)→ 4 —(+2)→ 6 —(−5)→ 1 —(+8)→ 9
- 12 —(+2)→ 14 —(−6)→ 8 —(+1)→ 9 —(−7)→ 2
- 2 —(+5)→ 7 —(−3)→ 4 —(+6)→ 10 —(+5)→ 15

3 Make a ten to add.

12 + 6	10 + 8	13 + 4	10 + 7	11 + 5	10 + 6	3 + 12	10 + 5
18	18	17	17	16	16	15	15

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4 Count the amount of money. Write the amount. Draw ☺ if the amount can buy the item. Draw ☹ if the amount can not buy the item.

40 L.E. ☺ 77 L.E. ☹

5 Solve the following problems.

- Mary had 56 L.E. She bought a doll for 32 L.E.
  How much money is remained with Mary ?
  56 − 32 = ? → 56 − 32 = 24
  The remained money with Mary = 24 L.E.
- Samy had 94 L.E. He bought a book for 51 L.E.
  How much money is remained with Samy ?
  94 − 51 = ? → 94 − 51 = 43
  The remained money with samy = 43 L.E.

6 Write (✓) to the correct statement and (✗) to the incorrect statement.

- 15 + 2 = 10 + 7 = 17 (✓)
- 57 L.E = 20 L.E. + 20 L.E + 5 L.E + 1 L.E + 1 L.E. (✗)
- 12 —(−2)→ 10 —(+3)→ 13 —(−6)→ 7 —(+2)→ 9 (✓)
- The day is 12 hours. (✗)
- If it is 8 o'clock in the morning, we say that 8 A.M. (✓)

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Accumulative Assessment Till Chapter 5

1 Complete the following.

- The place value of the digit 2 in 24 is tens and its value is 20
- 41 is 1 more than 40
- 17, 27, 37, 47, 57, 67, 77
- The opposite clock shows 4 o'clock.
- There are 4 quarters in one whole.

2 Put ">, < or =".

- 53 (<) 91
- 30 + 4 (<) 40 + 3
- 12 + 5 (>) 10 + 6
- 60 + 7 (<) 7 tens, 6 ones

3 Arrange the following numbers from least to greatest.

77, 17, 91, 97, 79

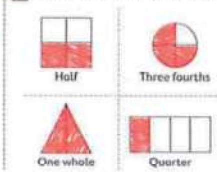
The order is 17, 77, 79, 91, 97

4 Draw a pencil taller than the drawn pencil.

5 Complete the following.

8 —(+4)→ 12 —(−6)→ 6 —(+3)→ 9

6 Color according to the fraction.



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7 Choose the correct answer.

- The number of flowers in the vase is ...... (2 or **3**)
- 81 > ...... (**79** or 97)
- [banknotes] are ...... L.E. (**76** or 71)
- [banknote] – [banknote] = ... L.E. (90 or **80**)
- The number of edges of square-based pyramid is ...... (**8** or 5)
- 6 + 13 = ... + 10 (19 or **9**)

8 Find the result.

13	54	49	72	26	6
+ 4	− 20	+ 30	− 60	− 20	+ 11
17	34	79	12	6	17

9 Solve the following problem.

- Amira had 75 pounds, she gave her sister 30 pounds. How much money is remained with Amira?
  75 − 30 = 45
  The remained is 45 pounds
- Bassem had 93 pounds. He bought a ball for 22 pounds. How much money is remained with Bassem?
  93 − 22 = 71
  The remained is 71 pounds

10 Write (✓) to the correct statement and (✗) to the incorrect statment.

- 61 is 1 less than 60 (✗)
- 80 + 3 = 38 (✗)
- Cube has 12 edges. (✓)
- Square has 3 corners. (✗)
- 29 = 2 tens , 9 ones (✓)
- Cylinder has 2 circular bases. (✓)

11 What is the time?

[clock]	08:00	[clock]	07:00
3 o'clock	8 o'clock	10 o'clock	7 o'clock

44

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Sheet 24 Till lessons 111 to 113 - chapter 6

1 Complete.

- 75 is 1 more than 74
- 39 is 1 less than 40
- 69 is 1 less than 70
- 47 is 10 more than 37
- 71 is 10 less than 81
- 53 is 10 more than 43

2 Write the fraction according to the colored parts.

[shape]	[shape]	[shape]	[shape]
Half	One fourth	Three fourth	One whole

3 Write (✓) to the correct statement and (✗) to the incorrect statement.

- 24 = 20 + 4 (✓)
- Cuboid has 6 faces and all its faces are square. (✗)
- [banknote] – [banknote] = 99 L.E. (✓)
- 15 + 4 = 10 + 6 (✗)
- [clock] represented the time as 04:00 (✓)
- 82 > 71 > 69 > 90 (✗)

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Sheet 25 Till lessons 114 to 115 - chapter 6

1 Add.

27	62	46	13
+ 21	+ 17	+ 33	+ 71
48	79	79	84

2 Complete.

- 34 + 5 = 39
- 9 + 13 = 22
- 56 + 32 = 88
- 18 is 10 more than 8

3 Choose.

- 6 is 10 less than ...... : ● 16 ○ 26 ○ 36 ○ 46
- 12 + 76 = ... : ○ 78 ○ 86 ○ 98 ● 88
- ...... is 1 less than 20 : ○ 21 ● 19 ○ 18 ○ 22
- 58 + 10 = ... : ○ 50 ○ 60 ● 68 ○ 78
- 23 + 71 = ... : ● 94 ○ 90 ○ 97 ○ 92
- 60 + 28 = ... : ○ 80 ○ 86 ● 88 ○ 82

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Sheet 26 Till lesson 116 - chapter 6

1 Complete the following number sequences.

- 2 , 7 , 12 , 17 , 22 , 27
- 19 , 20 , 21 , 22 , 23 , 24
- 26 , 36 , 46 , 56 , 66 , 76
- 30 , 40 , 50 , 60 , 70 , 80
- 38 , 40 , 42 , 44 , 46 , 48

2 Decompose the following numbers into tens and ones.

Number	Tens	Ones
28	20	8
52	50	2
90	90	0
17	10	7

3 Complete.

- The greatest number of the numbers 38 , 83 , 75 , 57 is 83
- 24 + 62 = 86
- 47 = 40 + 7
- 60 is 10 less than 70
- 72 = 70 + 2
- 70 is one more than 69

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Sheet 27 Till lessons 117 to 120 - chapter 6

1 Find the missing numbers.

- 3 + 5 = 8
- 3 + 5 = 8
- 8 − 3 = 5
- 8 − 5 = 3
- 12 + 7 = 19
- 12 + 7 = 19
- 19 − 12 = 7
- 19 − 7 = 12

2 Subtract.

- 77 − 44 = 33
- 63 − 42 = 21
- 89 − 19 = 70
- 96 − 55 = 41

3 Complete.

- 67 is 1 less than 68
- 79 − 62 = 17
- 82 + 15 = 97
- 36 is 10 more than 26

4 Circle 78 pounds.

"Answers may vary"

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Assessment Chapter 6

1 Complete the numbers.

- 10 less: 47; 1 less: 56; 57; 1 more: 58; 10 more: 67
- 10 less: 22; 1 less: 31; 32; 1 more: 33; 10 more: 42
- −10: 5; −1: 14; 15; +1: 16; +10: 25
- −10: 64; −1: 73; 74; +1: 75; +10: 84

2 Find the result.

23	41	52	83	76	92
+ 5	+ 37	+ 14	− 11	− 42	− 2
28	78	66	72	34	90

6 + 21 = 27	34 + 12 = 46	69 − 33 = 36
31 + 7 = 38	61 + 28 = 89	78 − 36 = 42
44 + 5 = 49	53 + 35 = 88	94 − 81 = 13

3 Complete the following number sequences.

- 10, 20, 30, 40, 50, 60, 70, 80, 90, 100
- 63, 64, 65, 66, 67, 68, 69, 70, 71
- 5, 15, 25, 35, 45, 55, 65, 75, 85, 95
- 73, 72, 71, 70, 69, 68, 67, 66, 65, 64

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4 Decomopse the following two-digit numbers.

- 62: 60, 2
- 81: 80, 1
- 29: 20, 9
- 17: 10, 7
- 54: 50, 4

5 Use the following numbers and write the fact family for each.

9 4 13	7 8 15	6 5 11
9 + 4 = 13	7 + 8 = 15	6 + 5 = 11
4 + 9 = 13	8 + 7 = 15	5 + 6 = 11
13 − 9 = 4	15 − 7 = 8	11 − 6 = 5
13 − 4 = 9	15 − 8 = 7	11 − 5 = 6

6 Add or subtract. Write the answer. Put "<, > or =".

- 51 + 30 = 81 > 70 + 10 = 80
- 89 − 32 = 57 = 7 ones, 5 tens = 57
- 66 − 26 = 40 < 21 + 20 = 41
- 72 + 16 = 88 > 88 − 8 = 80

7 Write (✓) to the correct statement and (X) to the incorrect statement.

- 61 is 10 less than 51 (X)
- 93 − 11 = 84 (X)
- 2 + 17 = 19 (✓)
- 49 = 4 tens, 9 ones (✓)
- 53 is 10 more than 52 (X)
- 61 + 16 = 77 (✓)
- 9 + 6 = 16 (X)

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Accumulative Assessment Till Chapter 6

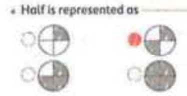
1 Find the results.

44 + 5 = 49	18 − 8 = 10	32 + 64 = 96	97 − 25 = 72

58	7	24	67	88	72	27
+ 20	+ 11	+ 63	− 32	− 48	− 50	− 16
78	18	87	35	40	22	11

2 Choose the correct answer.

- ______ has 1 circular base.
  - ○ Cube ○ Cuboid ○ Cylinder ● Cone
- The greatest 2-digit number formed from the digits 7, 2, 6 is ______
  - ○ 72 ○ 67 ○ 62 ● 76
- ______ > 54
  - ○ 51 ○ 29 ○ 15 ● 92
- 13 + 4 = ______
  - ○ 7 + 7 ○ 7 + 4 ● 7 + 10 ○ 17 + 10
- Half is represented as ______



- ______ can buy ______

3 Arrange the following numbers from least to greatest.

12, 62, 9, 74, 83

The order is: 9, 12, 62, 74, 83

4 Draw the hands and write the time to show 7 o'clock.

07:00

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5 Solve the following problem.

Sara had 85 pounds. She bought some fruits. 60 pounds remained with her. How much money did Sara pay ?

85 - 60 = 25

Sara paid 25 pounds

6 Use the picture and complete.

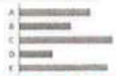
- Dina is behind Amgad
- Hany is in front of Amir
- Rana is in the fifth place.
- Amgad is in the first place.
- The second child is Dina
- There are 3 children in front of Amir and 1 children behind Amir.

7 Complete the fact family.

8 9 17

8 + 9 = 17
9 + 8 = 17
17 - 8 = 9
17 - 9 = 8

8 Arrange the lengths from the tallest to the shortest.



C E A B D

9 Put ">, < or =".

- 64 > 46
- 82 = 80 + 2
- 4 tens , 9 ones < 26 + 33
- 13 + 36 > 97 – 54

10 Match.

Square · Square-based pyramid · Cone · Cube · Cuboid · Cylinder · Sphere

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General Revision

1 Choose the correct answer.

a. ------- is 1 more than 29 (28 or **30** or 39)

b. The value of the digit 7 in 73 is ------- (7 or **70** or 77)

c. 81 < ------- (18 or 80 or **90**)

d. The next number in the sequence : 2 , 12 , 22 , 32 , ---- is ------- (33 or 22 or **42**)

e. are ------- (75 or **78** or 73)

f. 86 [ ] 60 + 8 (**>** or < or =)

g. ------- is 10 less than 56 (55 or **46** or 66)

h. Cone has ------- edges. (2 or 3 or **0**)

i. When the time is 5 o'clock, the hour hand points to ------- (**5** or 10 or 12)

j. There are ------- quarters in one whole. (1 or 2 or **4**)

k. 9 + 6 = 10 + ------- (**5** or 10 or 4)

l. Triangle has ------- corners. (2 or **3** or 4)

m. 24 + 35 = ------- (**59** or 77 or 68)

n. 9 tens , 4 ones = ------- (49 or **94** or 13)

o. The colored part represents ------- (**half** or quarter or three fourths)

p. 86 is 1 less than ------- (85 or **87** or 96)

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2 Match.

Square-based pyramid · Sphere · Cone · Cylinder · Cube · Cuboid

3 Find the results.

a.	b.	c.	d.	e.	f.	g.
82 − 20 = 62	74 + 5 = 79	19 + 30 = 49	21 + 8 = 29	3 + 64 = 67	53 − 42 = 11	38 − 36 = 2

h.	i.	j.	k.	l.	m.	n.
64 − 60 = 4	88 − 44 = 44	32 + 55 = 87	9 + 90 = 99	48 − 31 = 17	12 + 75 = 87	59 − 19 = 40

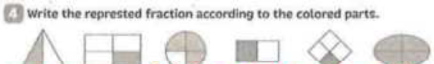
o. 23 + 45 = 68 | p. 22 + 12 = 34 | q. 99 – 54 = 45

r. 7 + 12 = 19 | s. 94 – 20 = 74 | t. 46 – 23 = 23

u. 16 + 42 = 58 | v. 76 – 70 = 6 | w. 6 + 32 = 38

x. 43 – 33 = 10 | y. 62 – 21 = 41 | z. 15 + 31 = 46

4 Write the represted fraction according to the colored parts.



half · quarter · 3 quarters · half · quarter · one whole

quarter · 3 quarters · one whole · half · half · quarter

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5 Arrange the following numbers in an ascending order.

a. 71 , 77 , 70 , 7 , 17
The order is : 7 , 17 , 70 , 71 , 77

b. 54 , 32 , 68 , 94 , 27
The order is : 27 , 32 , 54 , 68 , 94

c. 63 , 58 , 52 , 68 , 49
The order is : 49 , 52 , 58 , 63 , 68

6 Arrange the following numbers in a descending order.

a. 28 , 82 , 22 , 87 , 68
The order is : 87 , 82 , 68 , 28 , 22

b. 45 , 21 , 57 , 75 , 47
The order is : 75 , 57 , 47 , 45 , 21

c. 99 , 19 , 90 , 91 , 10
The order is : 99 , 91 , 90 , 19 , 10

7 Where is the dog ? Choose the correct relative positions.

(**below the chair** / above the chair) · (is going up / **is going down**) · (**behind the house** / in front of the house) · (**on the right** / on the left)

(**in the house** / out the house) · (**above the house** / below the house) · (on the right / **on the left**) · (**is going up** / is going down)

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8 Write the order of the circled figure (start from the arrow).

- third 3rd
- fifth 5th
- first 1st
- eighth 8th
- seventh 7th
- second 2nd

9 Count the following amounts.

a. 60 L.E.
b. 90 L.E.
c. 82 L.E.
d. 93 L.E.
e. 59 L.E.
f. 100 L.E.

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10 Complete.

a. 7 $\xrightarrow{-2}$ 5 $\xrightarrow{+10}$ 15 $\xrightarrow{-3}$ 12 $\xrightarrow{+6}$ 18
b. 8 $\xrightarrow{+8}$ 16 $\xrightarrow{-4}$ 12 $\xrightarrow{+6}$ 18 $\xrightarrow{-5}$ 13
c. 8 $\xrightarrow{+2}$ 10 $\xrightarrow{+9}$ 19 $\xrightarrow{-2}$ 17 $\xrightarrow{-7}$ 10

11 Draw the clock hands on analog clock, write the time on digital clock to show the given time.

a. 7 o'clock 07:00
b. 11 o'clock 11:00
c. 3 o'clock 03:00
d. 6 o'clock 06:00
e. 4 o'clock 04:00
f. 10 o'clock 10:00

12 What is the length of each of the following ?

6 · 4 / 7 · 4 / 13 · 4 / 7 · 4 /
5 · 3 / 5 · 3 / 2 · 3 / 8 · 4 /

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13 Match to make a 10.

5 — 5, 7 — 3, 9 — 1, 6 — 4, 2 — 8, 10 — 0

14 Write the fact family for each.

5 8 13	4 6 10	8 9 17
5 + 8 = 13	4 + 6 = 10	8 + 9 = 17
8 + 5 = 13	6 + 4 = 10	9 + 8 = 17
13 - 8 = 5	10 - 4 = 6	17 - 8 = 9
13 - 5 = 8	10 - 6 = 4	17 - 9 = 8

15 Use the picture to complete.

a. The first child is Paula
b. Dina is standing behind Mina
c. Mina is standing in front of Dina
d. The third child is Dina
e. Bassem is in the fourth place.
f. There are 3 children behind Mina and 1 children in front of Mina.

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16 Complete the following missing numbers.

a. 7, 17, 27, 37, 47, 57, 67
b. 10, 20, 30, 40, 50, 60, 70
c. 95, 85, 75, 65, 55, 45, 35
d. 53, 52, 51, 50, 49, 48, 47, 46
e. 63, 64, 65, 66, 67, 68, 69, 70
f. 81, 80, 79, 78, 77, 76, 75, 74

17 Put ">, < or =".

a. 64 > 46
b. 97 – 15 < 51 + 34
c. 72 > 7 + 20
d. 36 + 61 > 99 – 7
e. 58 = 8 ones, 5 tens
f. 79 – 70 > 68 – 60
g. 42 < 32 + 20
h. 49 – 24 = 12 + 13

18 Write (✓) to the correct statement and (X) to the incorrect statement.

a. Cube has 12 edges. (✓)
b. 30 + 7 = 7 tens, 3 ones (X)
c. Cylinder has 2 circular bases. (✓)
d. Square has 4 corners and 4 sides. (✓)
e. The day is 12 hours. (X)
f. 72 is 10 more than 82 (X)
g. We say 10 o'clock when the minute hand points at 10 (X)
h. There are 2 halves in one whole. (✓)
i. 1 and 8 make 9 (✓)
j. Square-based pyramid has 6 corners. (X)
k. are 100 L.E. (✓)
l. 80 – 30 = 5 ones (X)

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"Answers may vary"

19 Show the following amounts.

42 L.E.	67 L.E.	85 L.E.
20, 20, 1, 1	50, 10, 5, 1, 1	50, 20, 10, 5

20 Solve the following problems.

a. Ahmed has 8 red fish. He added some yellow fish so that the total number of fish became 14.
Find the number of yellow fish.
8 + ? = 14 → 8 + 6 = 14, He added 6 yellow fish

b. Sara backed 17 cupcakes. She sold some of them and the left with her is 8.
How many cupcakes did Sara sell ?
8 + ? = 17 → 8 + 9 = 17, She sold 9 cupcakes

c. Bassem has 60 L.E. He bought a toy for 25 L.E.
How much money is remained with Bassem ?
60 − 25 = 35, the remained is 35 LE

d. Amir had 82 L.E. He bought some fruits. The remained was 40 L.E.
How much money did Amir spend ?
82 − 40 = 42, he spent 42 LE

e. Mona has 66 L.E. She gave her sister 30 L.E.
How much money is remained with Mona ?
66 − 30 = 36, the remained is 36 LE

f. Sylvia has 39 L.E. She bought some sweets for 15 L.E.
How much money is remained with Sylvia ?
39 − 15 = 24, the remained is 24 LE

g. Ramy has 100 L.E. He bought a book for 35 L.E.
How much money is remained with Ramy ?
100 − 35 = 65, the remained is 65 LE

61

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21 Decompose each of the following.

27	43	68	86
20, 7	40, 3	60, 8	80, 6
19	**54**	**71**	**92**
10, 9	50, 4	70, 1	90, 2

22 Use the picture and complete.

a. The tallest child is Adham
b. The shortest child is Maged
c. Tamer is on the left of Shady
d. Maged is on the left of Adham.
e. Shady is on the right of Tamer.
f. There are 2 children on the right of Adham and 1 children on the left of Adham.

23 Arrange the following lengths from the tallest to the shortest.

4 2 3 1 5 | 4 2 5 1 3 | 3 1 2 4 5

62

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24 Use 8, 5, 3 and do the following steps

- Make as many two-digit numbers as you can.
85 . 58 . 53 . 35 . 83 . 38
- Answer the questions.
Which is the smallest number? 35
Which is the greatest number? 85
- Decompose each two-digit number into tens and ones.

85	58	53
80, 5	50, 8	50, 3
35	**83**	**38**
30, 5	80, 3	30, 8

- Arrange the numbers from least to greatest.
35 . 38 . 53 . 58 . 83 . 85

25 Write the numbers.

Number	− 10	− 1	+ 1	+ 10
52	42	51	53	62
19	9	18	20	29
68	58	67	69	78
85	75	84	86	95
34	24	33	35	44
21	11	20	22	31

63

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"Answers may vary"

26 Circle the amount of money you need exactly to buy each item.

27 Write 1st, 2nd or 3rd to show what happened.

3rd, 2nd, 1st
2nd, 1st, 3rd
2nd, 1st, 3rd

64

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28 Complete the following.

a. The value of the digit 6 in 46 is 6

b. Cone has 1 circular base.

c. Rectangle has 4 corners.

d. 20 L.E. + 20 L.E. + 10 L.E. + 5 L.E. + 1 L.E. = 56 L.E.

e. 74 − 32 = 42

f. The place value of the digit 8 in 18 is ones

g. 10 + 7 = 17

h. The time is (11:00) is 11 o'clock.

i. The fraction of the shaded part in ▦ is quarter

j. 25 = 2 tens + 5 ones

k. The ball is in the box.

l. There are 2 halves in one whole.

m. 43 is 10 less than 53

n. The cone has 0 edges.

o. 12 + 75 = 87

p. 60, 61, 62, 63, 64, 65

q. The name of the figure ■ is square

r. The number of edges of the square-based pyramid is 8

s. 50 > 35 Answers may vary

t. The net shows a cube

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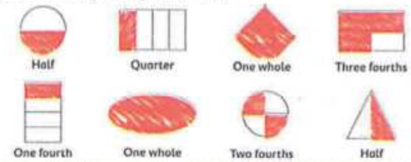
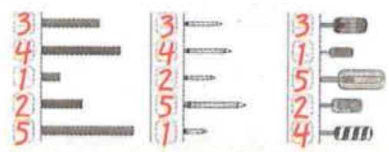
29 Circle the figure according to the given order. (Start from the arrow)

- Second
- Fourth
- Ninth
- Third
- Seventh
- First

30 Color according to the given fraction.



31 Arrange the following lengths from the shortest to the tallest.



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Assessment 1

1 Choose.

a. 64 is one less than ----
○ 63 ○ 64 ● 65 ○ 66

b. ---- + 6 = 10
○ 6 ○ 5 ● 4 ○ 10

c. The square has ---- sides.
○ 0 ○ 3 ● 4 ○ 5

d. The fraction of the shaded part is ----
○ quarter. ○ two quarters.
○ half. ● three quarters.

e. 69 L.E. ---- 74 L.E.
○ > ● < ○ =

f. 47 − 20 = ----
● 27 ○ 37 ○ 57 ○ 67

2 Complete.

a. 13 + 54 = 67

b. The length of [scissors] is 8 ●

c. → The order of the boat is third

d. The value of the digit 7 in 76 is 70

e. 70 − 50 = 20

f. The name of the solid is cone

Page 69

3 Answer the following.

a. Complete the sequence.
41, 42, 43, 44 , 45

b. In a bus there are 8 boys and 11 girls.
How many children are in the bus?
8 + 11 = ? → 8 + 11 = 19
There are 19 children in the bus.

c. Vera has 17 pounds, she gave her brother 6 pounds.
How much money with Vera now?
17 − 6 = ? → 17 − 6 = 11
Vera has 11 pounds now.

d. Count backward.
70, 69, 68, 67 , 66 , 65

4 Join to make your schedule.

You wake up at ----	6 A.M.
You go to school at ----	7 A.M.
You finish school at ----	2 P.M.
You eat your dinner at ----	7 P.M.
You go to sleep at ----	9 P.M.

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Assessment 2

1 Choose.

a. The day has ---- hours.
○ 25 ● 24 ○ 26 ○ 28

b. 14 + 5 = ----
○ 10 + 8 ○ 11 + 3 ● 10 + 9 ○ 10 + 7

c. The length of [key] is ----
○ 2 ● 3 ○ 4 ○ 5

d. The bird is ---- the cage.
○ in ● out ○ behind ○ below

e. The amount is ---- L.E.
● 73 ○ 63 ○ 52 ○ 25

f. Each face of the cube is a ----
○ rectangle ○ triangle ● square ○ circle

2 Complete.

a. 16 − 10 = 6

b. [blocks] = 56

c. Hesham is taller than Ayman (Ayman, Hesham)

d. 79 is 1 less than 80

e. The time (10:00) is 10 o'clock.

f. 50 − 20 = 30

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3 Answer the following.

a. Arrange the following numbers from the greatest to the least.
48 , 29 , 16 , 51 , 37
51 , 48 , 37 , 29 , 16

b. Complete.
17 −7→ 10 +3→ 13 +2→ 15 −4→ 11

c. Draw the hands to show the time (07:00)

d. Decompose the following numbers.

Number	Tens	Ones
38	30	8
76	70	6
17	10	7
99	90	9

4 Write the missing numbers in each sequence.

• 10, 11, 12, 13 , 14 , 15
• 15, 25, 35 , 45 , 55 , 65

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Assessment 3

1 Choose.

a. ------ is less than 57.
- ○ 58 ● 40 ○ 59 ○ 70

b. The cube has ------ edges.
- ○ 6 ○ 8 ● 12 ○ zero

c. 22 is 1 more than ------
- ● 21 ○ 23 ○ 20 ○ 24

d. [tens and ones blocks] = ------
- ○ 30 ○ 13 ○ 10 ● 31

e. 8 tens – 6 tens = ------ tens.
- ○ 1 ● 2 ○ 3 ○ 4

f. 11 + ------ = 17
- ● 6 ○ 5 ○ 7 ○ 9

2 Complete.

a. [tens and ones blocks] = 3 tens + 2 ones.

b. The place value of 3 in 35 is tens

c. 94 – 70 = 24

d. The fraction of the shaded part is half

e. 3 + 5 = 8

f. 20 L.E. + 10 L.E. + 5 L.E. + 1 L.E. = 36 L.E.

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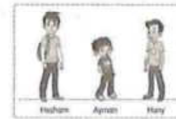
3 Answer the following.

a. Write the suitable name.



- Hany is on the left of Ayman
- Hesham is the tallest one.
- Hesham is on the right of Ayman.
- Ayman is the shortest one.

b. Draw notes to show 77 L.E.

"Answers may vary"

50 | 20 | 5 | 1 | 1

c. Count forward.

72, 73, 74, 75, 76, 77

d. Mina has 5 books, he bought some books. Mina now has 14 books. How many books did he buy?

5 + ? = 14 ⟶ 14 – 5 = 9

Mina bought 9 extra books. "Use any strategy"

4 Draw.

"Answers may vary"

- Triangle
- Rectangle

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Assessment 4

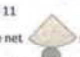
1 Choose.

a. 29 L.E. – 20 L.E. = ------ L.E.
- ● 9 ○ 40 ○ 49 ○ 50

b. 43 < ------
- ● 45 ○ 42 ○ 39 ○ 29

c. The circle has ------ corners.
- ● 0 ○ 1 ○ 3 ○ 4

d. 6 + ------ = 18
- ○ 11 ● 12 ○ 13 ○ 14

e. The net  shows a ------
- ○ cube ● cone ○ cuboid ○ cylinder

f. 53 is 10 less than ------
- ● 63 ○ 43 ○ 73 ○ 83

2 Complete.

a. The amount

is 75 L.E.

b. 17 – 13 = 4

c. The bird is in the nest.

d. The value of 9 in the number 39 is 9

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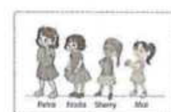
e. The triangle has 3 sides.

f. The whole one has 4 quarters.

3 Answer the following.

a. Complete.



- The first one is Petra
- Mai is behind Sherry
- Petra is in front of Nada
- The 4th one is Mai

b. Put ">, < or =".
- 39 L.E. < 41 L.E.
- 6 tens + 3 ones > 29 + 30
- 51 < 92 – 40
- 74 > 12 + 7

c. Arrange from the least to the greatest.

30 , 68 , 43 , 15 , 56

15 , 30 , 43 , 56 , 68

4 Complete each fact family.

2 + 7 = 9	6 + 8 = 14
7 + 2 = 9	6 + 8 = 14
9 – 7 = 2	14 – 6 = 8
9 – 2 = 7	14 – 8 = 6

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Assessment 5

1 Choose.

a. 64 > ______
- ○ 71 ● 59 ○ 80 ○ 92

b. 3 tens + 5 ones = ______
- ● 35 ○ 53 ○ 30 ○ 50

c. The rectangle has ______ corners.
- ● 4 ○ 3 ○ 5 ○ 6

d. ______ is 10 more than 18.
- ○ 8 ○ 19 ● 28 ○ 38

e. The solid ⚽ is a ______
- ○ cube ○ pyramid ○ cylinder ● sphere

f. 30 + 50 = ______
- ● 80 ○ 70 ○ 90 ○ 20

2 Complete.

a. The time 🕗 is *8* o'clock.

b. The length of ▮ is *3* ▮

c. 13 − *10* = 3

d. 23 + 51 = *74*

e. 7 is 1 less than *8*

f. The fraction of the shaded part ⊠ is *quarter*

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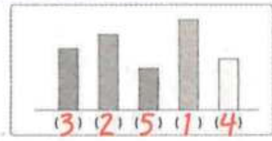
3 Answer the following.

a. Arrange from the tallest to the shortest.



(3) (2) (5) (1) (4)

b. Count backward.

49, 48, *47*, 46, *45*, *44*

c. Match.

second	2nd
cuboid	(cuboid shape)
(4 tens 3 ones)	43
4 + 9	6 + 7

4 Write the name of each shape.

- A shape with 3 corners is called a *triangle*
- A solid with 8 edges and 1 pointy top is called a *square - based pyramid*
- A shape with 4 sides equal in length is called a *square*

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Assessment 6

1 Choose.

a. The triangle has ______ corners.
- ○ zero ○ 2 ● 3 ○ 4

b. 38 ______ 29
- ○ < ● > ○ =

c. 40 − 10 = ______
- ● 30 ○ 35 ○ 25 ○ 50

d. 20 L.E. + 20 L.E. + 1 L.E. = ______ L.E.
- ○ 40 ○ 50 ● 41 ○ 31

e. The name of the solid ▲ is a ______
- ● pyramid ○ sphere ○ cone ○ cuboid

f. The time [11:00] is ______ o'clock.
- ○ 12 ● 11 ○ 10 ○ 9

2 Complete.

a. 58 − 45 = *13*

b. The place value of 8 in 89 is *tens*

c. 2 tens + 3 ones = *23*

d. There are *2* quarters in one half.

e. 4 + *3* = 7

f. *5* is 10 less than 15

Page 79

3 Answer the following.

a. There are 17 carrots, a rabbit ate 6 carrots.
How many carrots are remained?

17 − 6 = ? ⟶ 17 − 6 = 11

There are 11 carrots are remained

b. Complete.

18 $\xrightarrow{+1}$ *19* $\xrightarrow{-7}$ *12* $\xrightarrow{+3}$ *15*

4 Circle the amount of money you need to buy each item. *Answers may vary*

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Assessment 7

1 Choose.

a. 35 is greater than ……
○ 39 ● 29 ○ 45 ○ 50

b. 3 + …… = 10
○ 5 ○ 6 ● 7 ○ 8

c. The day has …… hours.
○ 20 ○ 22 ● 24 ○ 26

d. The cube has …… flat faces.
○ 12 ○ 8 ● 6 ○ 4

e. 88 L.E. – 71 L.E. = …… L.E.
● 17 ○ 18 ○ 19 ○ 20

f. 26 < ……
● 62 ○ 25 ○ 20 ○ 19

2 Complete.

a. The length of [cup] is 4 [unit]

b. [tens and ones blocks] = 24

c. The fraction of the shaded part [circle] is half

d. The dog is in front of the house.

e. 9 – 5 = 4

f. The time [03:00] is 3 o'clock.

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3 Answer the following. "Answers may vary"

a. Draw.
• Triangle • Square

b. Hanan has 45 colored marbles, she gave her sister 21 marbles. How many marbles does she have now ?
45 – 21 = ? ⟶ 45 – 21 = 24
Hanan has 24 marbles now.

c. Arrange from the greatest to the least.
38 , 52 , 17 , 45 , 20
52 , 45 , 38 , 20 , 17

4 Draw notes to show 53 pounds. "Answers may vary"

20 10 10 10
1 1 1

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Assessment 8

1 Choose.

a. …… is one less than 71.
○ 72 ○ 69 ● 70 ○ 73

b. 9 + 7 = ……
○ 10 + 7 ● 10 + 6 ○ 10 + 5 ○ 10 + 9

c. 7 tens – 3 tens = …… tens.
● 4 ○ 5 ○ 3 ○ 6

d. 59 > ……
○ 60 ○ 75 ○ 81 ● 30

e. The name of the figure [triangle] is ……
○ square ○ rectangle ● triangle ○ circle

f. 40 + 30 = ……
○ 60 ● 70 ○ 80 ○ 90

2 Complete.

a. There are 2 halves in a whole one.

b. The order of the tiger is first

c. 63 is 10 more than 53

d. The place value of 8 in 83 is tens

e. The amount [notes] = 72 L.E.

f. 14 + 73 = 87

Page 83

3 Answer the following.

a. Arrange from the shortest to the tallest.
(2)
(1)
(4)
(3)

b. Complete the sequence.
45 , 55 , 65 , 75 , 85 , 95

c. Decompose the following numbers.
89 → 80 , 9
21 → 20 , 1

4 Match.

80 – 60 → 20
First → 1st
Cone → [cone]
7 tens + 6 ones → 76

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Assessment 9

1 Choose.

a. 74 L.E. ______ 39 L.E.

● > ○ < ○ =

b. The cat is ______ the table.

○ on ○ out ● below ○ behind

c. 7 + 8 = ______

○ 14 ● 15 ○ 16 ○ 17

d. The net shows a ______

● cube ○ cuboid ○ cone ○ cylinder

e. 5 tens + 6 ones = ______

● 56 ○ 65 ○ 11 ○ 60

f. 10 L.E. + 10 L.E. + 5 L.E. + 1 L.E. = ______ L.E.

○ 35 ○ 20 ○ 25 ● 26

2 Complete.

a. The value of 4 in 34 is 4

b. 17 − 6 = 11

c. = 5 tens + 3 ones

d. The cone has 0 edges.

e. 18 is 1 more than 17

f. 38 − 25 = 13

84

Page 85

3 Answer the following.

a. Complete.

3 →(+4)→ 7 →(+6)→ 13 →(−2)→ 11

b. Tamer had 19 pounds, he bought a pen and the left with him was 10 pounds. How much money did Tamer pay ?

19 − ? = 10 → 19 − 10 = 9

Tamer paid 9 pounds.

c. Draw the hands to show the time.

4 a. Count forward.

20 , 21 , 22 , 23 , 24 , 25

b. You have 65 L.E. Circle the items you can buy.

85

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Assessment 10

1 Choose.

a. The circle has ______ sides.

○ 4 ● 0 ○ 2 ○ 1

b. 48 is 10 less than ______

○ 38 ○ 47 ○ 49 ● 58

c. The name of the solid is a ______

○ cube ● cylinder ○ cone ○ sphere

d. The fraction of the shaded part is ______

○ quarter ● half ○ three quarters ○ whole one

e. Each base of the cylinder is a ______

○ square ○ triangle ● circle ○ rectangle

f. ______ > 27

● 41 ○ 26 ○ 18 ○ 10

2 Complete.

a. 1 + 8 = 9

b. 16 − 12 = 4

c. The length of is 5 cm

d. 4 tens + 2 tens = 6 tens

e. The name of the figure is square

f. The place value of 7 in 17 is ones

86

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3 Answer the following.

a. Count backward.

85 , 75 , 65 , 55 , 45 , 35

b. Join.

Circle	50	Quarter	Fifth
5th	(circle)	60 − 10	(quarter shaded square)

Circle → (circle); 50 → 60 − 10; Quarter → (quarter shaded square); Fifth → 5th

c. Arrange from the least to the greatest.

40 , 57 , 29 , 61 , 8

8 , 29 , 40 , 57 , 61

4 Put " > , < or = ".

• 91 > 1 ten + 9 ones

• The number of edges of a cube = the number of edges of a cuboid.

• 5 L.E. + 50 L.E. > 20 L.E. + 1 L.E. + 1 L.E.

• 31 + 14 < 90 − 40

87